

- SHEET NOTES**
1.

REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

- EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES**
- 09.02

CLEAN AND REPAINT EXISTING GLASS AND METAL SCREEN WALL
- 22.02

STORM WATER RISER - CUT OPEN EXISTING WALLS AS MINIMALLY AS POSSIBLE FOR INSTALL - INSTALL FRESTOPPING AT EVERY FLOOR LEVEL - REFER TO PLUMBING

1
1.A1.108 1/8" = 1'-0"

PARTIAL - FIRST FLOOR PLAN - EAST

No.	Revisions	Date	By

Amtrak[®]

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States

Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS

100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP

WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE				MARYLAND			
HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE							
60% SUBMISSION DRAFT							
Designed	Designer	Drawn	Author	Checked	Checker	Date	10/9/20

Key Plan

Work Elem. No.

C.RE.100048

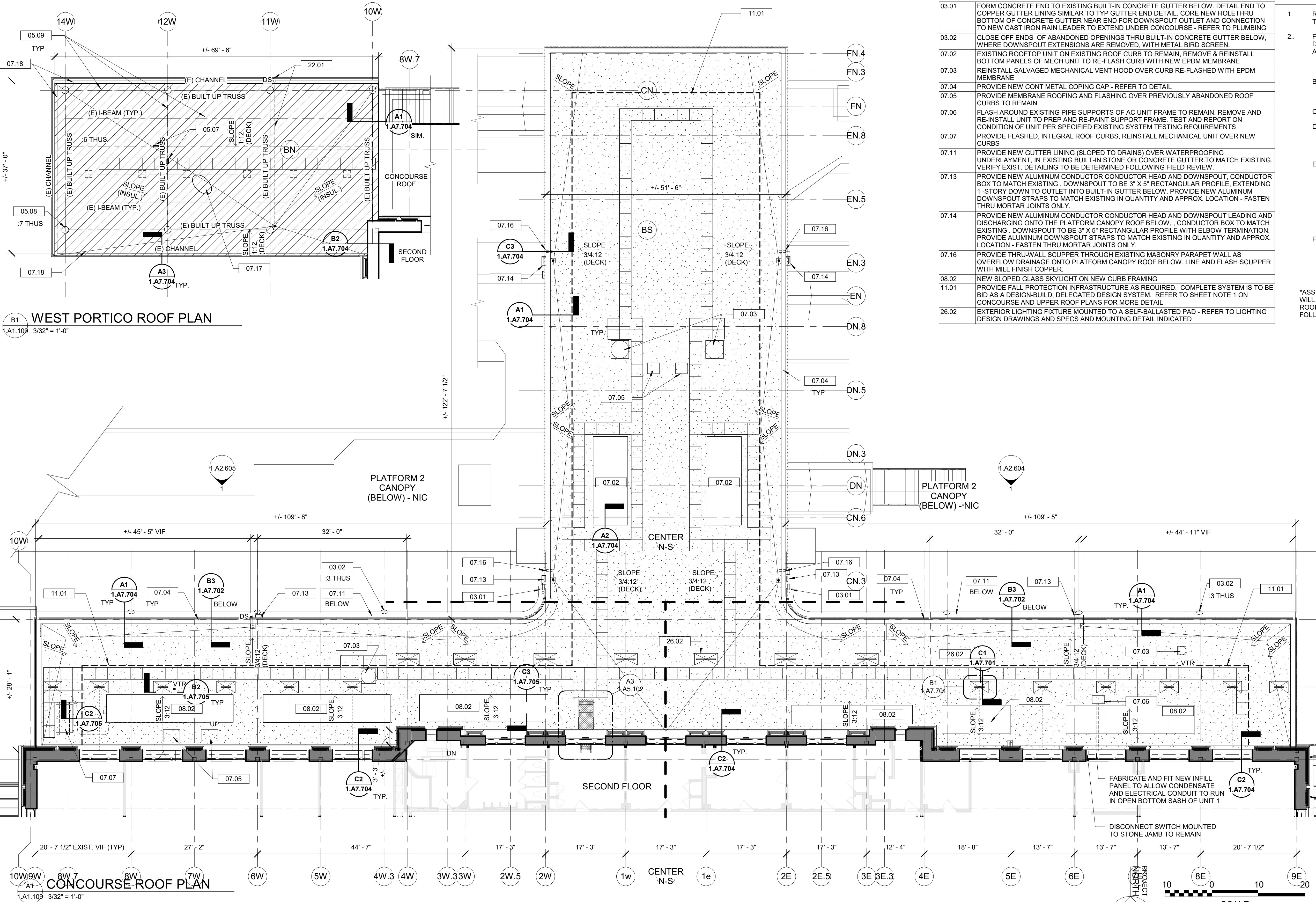
Sheet name:

FIRST FLOOR PLAN - EAST

Dwg. No.

1.A1.108

FILE NAME: 1.A1.108
PROJECT: BALTIMORE HEADHOUSE REHABILITATION
STANDARD PEN TABLE YES

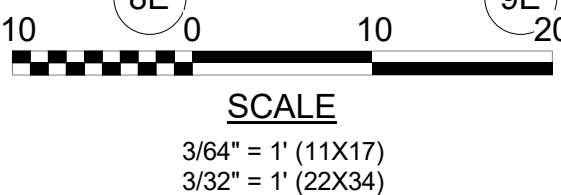
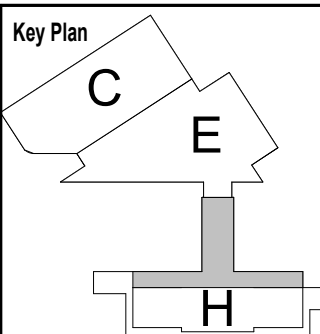


- EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES**
- 03.01 FORM CONCRETE END TO EXISTING BUILT-IN CONCRETE GUTTER BELOW. DETAIL END TO COPPER GUTTER LINING SIMILAR TO TYP GUTTER END DETAIL. CORE NEW HOLETHRU BOTTOM OF CONCRETE GUTTER NEAR END FOR DOWNSPOUT OUTLET AND CONNECTION TO NEW CAST IRON RAIN LEADER TO EXTEND UNDER CONCOURSE - REFER TO PLUMBING
- 03.02 CLOSE OFF ENDS OF ABANDONED OPENINGS THRU BUILT-IN CONCRETE GUTTER BELOW, WHERE DOWNSPOUT EXTENSIONS ARE REMOVED, WITH METAL BIRD SCREEN.
- 07.02 EXISTING ROOFTOP UNIT ON EXISTING ROOF CURB TO REMAIN, REMOVE & REINSTALL BOTTOM PANELS OF MECH UNIT TO RE-FLASH CURB WITH NEW EPDM MEMBRANE
- 07.03 REINSTALL SALVAGED MECHANICAL VENT HOOD OVER CURB RE-FLASHED WITH EPDM MEMBRANE
- 07.04 PROVIDE NEW CONT METAL COPING CAP - REFER TO DETAIL
- 07.05 PROVIDE MEMBRANE ROOFING AND FLASHING OVER PREVIOUSLY ABANDONED ROOF CURBS TO REMAIN
- 07.06 FLASH AROUND EXISTING PIPE SUPPORTS OF AC UNIT FRAME TO REMAIN. REMOVE AND RE-INSTALL UNIT TO PREP AND RE-PAINT SUPPORT FRAME. TEST AND REPORT ON CONDITION OF UNIT PER SPECIFIED EXISTING SYSTEM TESTING REQUIREMENTS
- 07.07 PROVIDE FLASHED, INTEGRAL ROOF CURBS, REINSTALL MECHANICAL UNIT OVER NEW CURBS
- 07.11 PROVIDE NEW GUTTER LINING (SLOPED TO DRAINS) OVER WATERPROOFING UNDERLAYMENT, IN EXISTING BUILT-IN STONE OR CONCRETE GUTTER TO MATCH EXISTING. VERIFY EXIST. DETAILING TO BE DETERMINED FOLLOWING FIELD REVIEW.
- 07.13 PROVIDE NEW ALUMINUM CONDUCTOR CONDUCTOR HEAD AND DOWNSPOUT, CONDUCTOR BOX TO MATCH EXISTING. DOWNSPOUT TO BE 3" X 5" RECTANGULAR PROFILE, EXTENDING 1-STORY DOWN TO OUTLET INTO BUILT-IN GUTTER BELOW. PROVIDE NEW ALUMINUM DOWNSPOUT STRAPS TO MATCH EXISTING IN QUANTITY AND APPROX. LOCATION - FASTEN THRU MORTAR JOINTS ONLY.
- 07.14 PROVIDE NEW ALUMINUM CONDUCTOR CONDUCTOR HEAD AND DOWNSPOUT LEADING AND DISCHARGING ONTO THE PLATFORM CANOPY ROOF BELOW. CONDUCTOR BOX TO MATCH EXISTING. DOWNSPOUT TO BE 3" X 5" RECTANGULAR PROFILE WITH ELBOW TERMINATION. PROVIDE ALUMINUM DOWNSPOUT STRAPS TO MATCH EXISTING IN QUANTITY AND APPROX. LOCATION - FASTEN THRU MORTAR JOINTS ONLY.
- 07.16 PROVIDE THRU-WALL SCUPPER THROUGH EXISTING MASONRY PARAPET WALL AS OVERFLOW DRAINAGE ONTO PLATFORM CANOPY ROOF BELOW. LINE AND FLASH SCUPPER WITH MILL FINISH COPPER.
- 08.02 NEW SLOPED GLASS SKYLIGHT ON NEW CURB FRAMING
- 11.01 PROVIDE FALL PROTECTION INFRASTRUCTURE AS REQUIRED. COMPLETE SYSTEM IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM. REFER TO SHEET NOTE 1 ON CONCOURSE AND UPPER ROOF PLANS FOR MORE DETAIL
- 26.02 EXTERIOR LIGHTING FIXTURE MOUNTED TO A SELF-BALLASTED PAD - REFER TO LIGHTING DESIGN DRAWINGS AND SPECS AND MOUNTING DETAIL INDICATED

- SHEET NOTES**
1. REFER TO SHEET 1.G.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
2. FALL PROTECTION INFRASTRUCTURE IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM AS FOLLOWS:
- A. PROVIDE A HANDS FREE HORIZONTAL LIFELINE SYSTEM ABLE TO ACCOMMODATE USE WITH STANDARD HARNESS AND J-CLAMP EQUIPMENT, INCLUDING DOUBLE LANYARDS AND AUXILIARY BYPASS LANYARD
- B. MAXIMUM FALL ARREST FORCE: 1,800 POUNDS (816 KG) WHEN WEARING A BODY HARNESS WITH A SAFETY FACTOR OF 2 WITHOUT PERMANENT DEFORMATION, AND 5,000 POUNDS (2267 KG) AGAINST FRACTURE OR DETACHMENT
- C. ACCOMMODATE A CAPACITY MAXIMUM OF 2 WORKERS PER LENGTH OF CABLE BETWEEN TWO ANCHORS.
- D. PROVIDE ALL TURNBUCKLES, J-CLAMPS, THIMBLES, AND SHOCK ABSORBERS REQUIRED FOR COMPLETE CONTINUOUS CABLE SYSTEM THRU ANCHORS, AS SHOWN. PROVIDE ANCHOR AND CABLE SYSTEM WITH 2"-6" MAXIMUM CABLE SAG BETWEEN TWO ANCHORS.
- E. PROVIDE PERMANENT ANCHORS FASTENED TO BUILDING STRUCTURE AS NOTED AND DIAGRAMMED. FALL PROTECTION ANCHOR LAYOUT AND SPACING IS TO ACCOMMODATE STANDARD LANYARD LENGTHS (WITH 12 FT. EXTENSION LANYARDS AT CONCOURSE ROOF, AND ROBE GRAB EXTENSION SYSTEM AT UPPER ROOFS), AND PROVIDE REACH TO ALL ROOF SURFACES AND EDGES, INCLUDING ALL LENGTHS OF GUTTERS, DRAINS, AND EQUIPMENT, AS WELL AS ALLOW TRAVEL TO ROOF ACCESS STAIRS AND LADDERS CONNECTING SECTIONS' LEVELS OF ROOFS.
- F. COMPLY WITH OSHA AND OTHER AUTHORITIES HAVING JURISDICTION REQUIREMENTS. AS PART OF DESIGN-BUILD SUBMISSION, SHOP DRAWINGS SHALL BE MADE WITH CERTIFICATIONS AND ENGINEER'S SEAL
- *ASSUME 5% (626 SF) OF T.O. EXISTING CONCRETE CONCOURSE ROOF DECK WILL NEED TO BE REPAIRED PRIOR TO INSTALLATION OF NEW INSULATION AND ROOFING. CONTRACTOR TO VERIFY CONDITIONS AND EXTENT IN FIELD FOLLOWING REMOVAL OF EXISTING ROOFING AND EXPOSURE OF DECK.

CONCOURSE ROOF LEGEND

- PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD, OVER ADHERED 4" MIN. RIGID INSULATION BOARD, TAPERED AT CANTS /CRICKETS, OVER EXISTING SLOPED ROOF DECK.
- PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD, ADHERED OVER NEW 5" THICK REINFORCED CONCRETE CANOPY ROOF DECK - FOLLOWING EXISTING NORTH/SOUTH SLOPE OF STRUCTURE, PROVIDE TAPERED INSULATION, FULLY-ADHERED TO T.O. SLAB TO PROVIDE SLOPE TO DRAIN IN EAST/WEST DIRECTION, AND TO MAINTAIN CONSISTENT TOP OF SLAB LEVEL AROUND ENTIRE PERIMETER EDGE OF CANOPY (TO MATCH EXISTING), REFER TO STRUCTURAL FOR DETAILING OF SLAB AND CONNECTION TO FRAMING.
- DIRECTION OF ROOF SLOPE - DOWN TO DRAIN. *SLOPE PROVIDED BY STRUCTURE OR SUBSTRATE WHERE NOTED; SLOPE PROVIDED BY BUILT-UP AND TAPERED (1/2" PER FT.) INSULATION AT ALL SECONDARY WALL CANT LOCATIONS.
- ROOF DRAIN - PROVIDE NEW ROOF DRAIN AT EXISTING DRAIN LOCATION. ENLARGE CORE HOLE THRU DECK TO ACCOMMODATE LARGER PIPE DIAMETER. PROVIDE ADJACENT SECONDARY OVERFLOW DRAIN W/ ADDITIONAL CORE THRU ROOF - REFER TO PLUMBING. FLASH NEW ROOF SYSTEM INTO NEW DRAIN BODIES - REFER TO 1/A604.
- NEW 3"X5" MILL FINISH COPPER DOWNSPOUT, EXTENDING 1-STORY DOWN FROM NEW SECONDARY CONCOURSE ROOF DRAIN. MATCH ADJACENT/EXISTING DOWNSPOUT DETAILING. CONNECT TO NEW CAST IRON SECONDARY RAINLEADER ELBOW DOWN FROM ROOF DRAIN, CORED THRU EXISTING STONE MASONRY WALL AT TOP, AS WELL AS THRU BUILT-IN CONCRETE GUTTER ALONG BASE OF CONCOURSE - REFER TO PLUMBING. *PROVIDE NEW MILL FINISH CONDUCTOR BOX TO REPLICATE ADJACENT EXISTING BOXES. REFER TO 8/A-601 FOR DS OUTLET DETAIL.
- NEW BUILT-IN MILL FINISH COPPER EXPANSION JOINT - REFER TO TYPICAL DETAILS, PER TYPE.
- EXISTING VENT THRU ROOF. PROVIDE WITH NEW PRE-MANUFACTURED EPDM PIPE FLASHING BOOT AROUND EXISTING VENT PIPE TO REMAIN.
- PROVIDE RUBBER WALKWAY PADS, FULLY-ADHERED TO MEMBRANE ROOFING, IN LAYOUT SHOWN.



No.	Revisions	Date	By

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

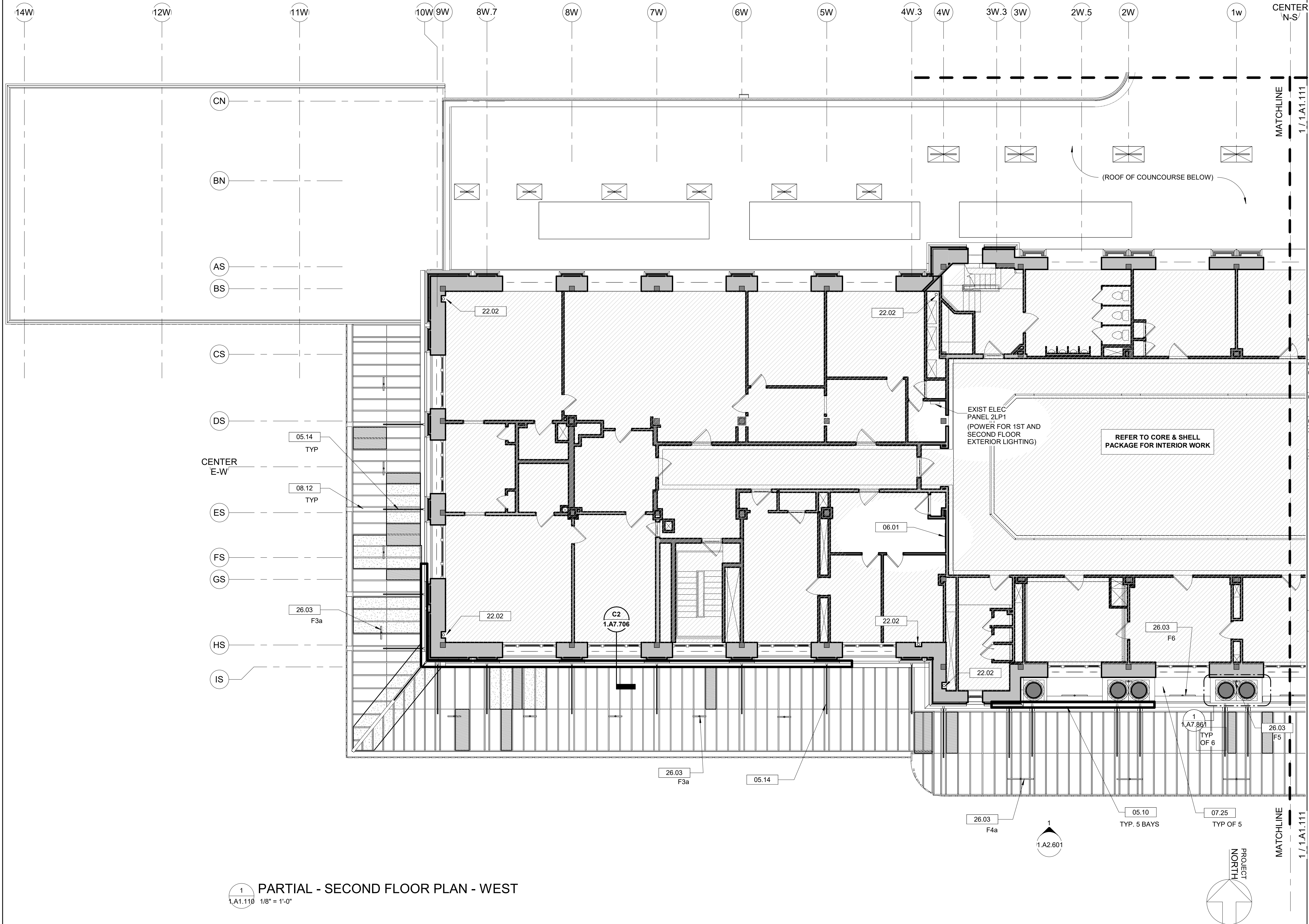
Seal/Signature :

BALTIMORE
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

MARYLAND

60% SUBMISSION DRAFT
Designed Designer Draw Author Checked Checker Date 10/9/20

Work Elem. No: C.RE/100048
Sheet name: CONCOURSE ROOF PLAN
Date 1.A1.109



1 PARTIAL - SECOND FLOOR PLAN - WEST
1.A1.110 1/8" = 1'-0"

SHEET NOTES

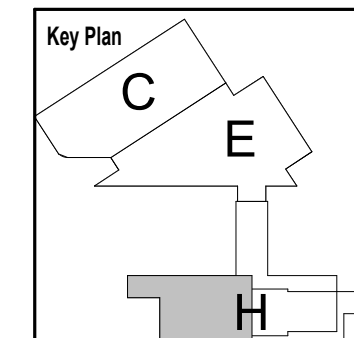
1. REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- | | |
|-------|--|
| 05.10 | REMOVE EXISTING SHEET METAL TRIM UNDER GUTTER ALONG ENTIRE LENGTH OF BACK EDGE OF GLASS CANOPY. INSTALL NEW COPPER TRIM, PAINTED, TO MATCH EXISTING PROFILE - REFER TO DETAIL. |
| 05.14 | CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT |
| 06.01 | PROVIDE 4-FOOT W x 8-FOOT H PLYWOOD BACKER PANEL FOR MOUNTING EXTERIOR LIGHTING CONTROL EQUIPMENT. PROVIDE POWER AS DESCRIBED BY ELECTRICAL ENGINEER |
| 07.25 | PROVIDE NEW FLAT (SINGLE LOCK) SEAM, MILL FINISH COPPER ROOFING AND FLASHING OVER WATERPROOFING UNDERLAYMENT, OVER EXISTING STONE BALCONY FLOOR, SLOPED TO DRAINS. |
| 08.12 | METAL INFILL PANEL AT LINE OF MARQUEE SUPPORT BRACKET - TYP |
| 22.02 | STORM WATER RISER - CUT OPEN EXISTING WALLS AS MINIMALLY AS POSSIBLE FOR INSTALL - INSTALL FRESTOPPING AT EVERY FLOOR LEVEL - REFER TO PLUMBING |
| 26.03 | EXTERIOR LIGHTING FIXTURE MOUNTED TO TOP OF CANOPY |

LEGEND

- NEW INTERIOR RAINLEADER RUNNING VERTICALLY THROUGH FLOOR LEVELS
-REFER TO PLUMBING AND OTHER NOTATIONS
- ROOF DRAIN - PROVIDE NEW TERNE-COATED COPPER OUTLET FLASHING IN EXISTING ROOF DRAIN TO REMAIN. INSTALL MESH COPPER STRAINER IN OUTLET SIM. TO 8/A-601.
- LAMINATED CANOPY GLAZING TO BE REPLACED WHERE PANES BROKEN OR INTERLAYER DAMAGED. NEW GLASS UNITS TO MATCH EXISTING: TEXTURED CLEAR UPPER PANE, LAMINATED TO CLEAR POLYVINYL INTERLAYER, AND CLEAR TEMPERED BOTTOM PANE
- SECTION OF CHANNEL FRAMING TO BE REINFORCED ALONG BACK EDGE OF CANOPY. REMOVE RUST FROM CHANNEL FRAMING AND INSTALL GALV. STEEL FRAMING REINFORCING - REFER TO ARCHITECTURAL AND STRUCTURAL CANOPY RESUPPORT AND SISTERING DETAILS.
- REMOVE CONCENTRATED DEBRIS OR VEGETATION FROM GLASS CANOPY. FOLLOW REMOVAL WITH CLEANING TO REMOVE ORGANIC GROWTH OR STAINING.
- PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD.



No.	Revisions	Date	By
1	EE 60% Draft - add of elec panels	9/23/20	

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

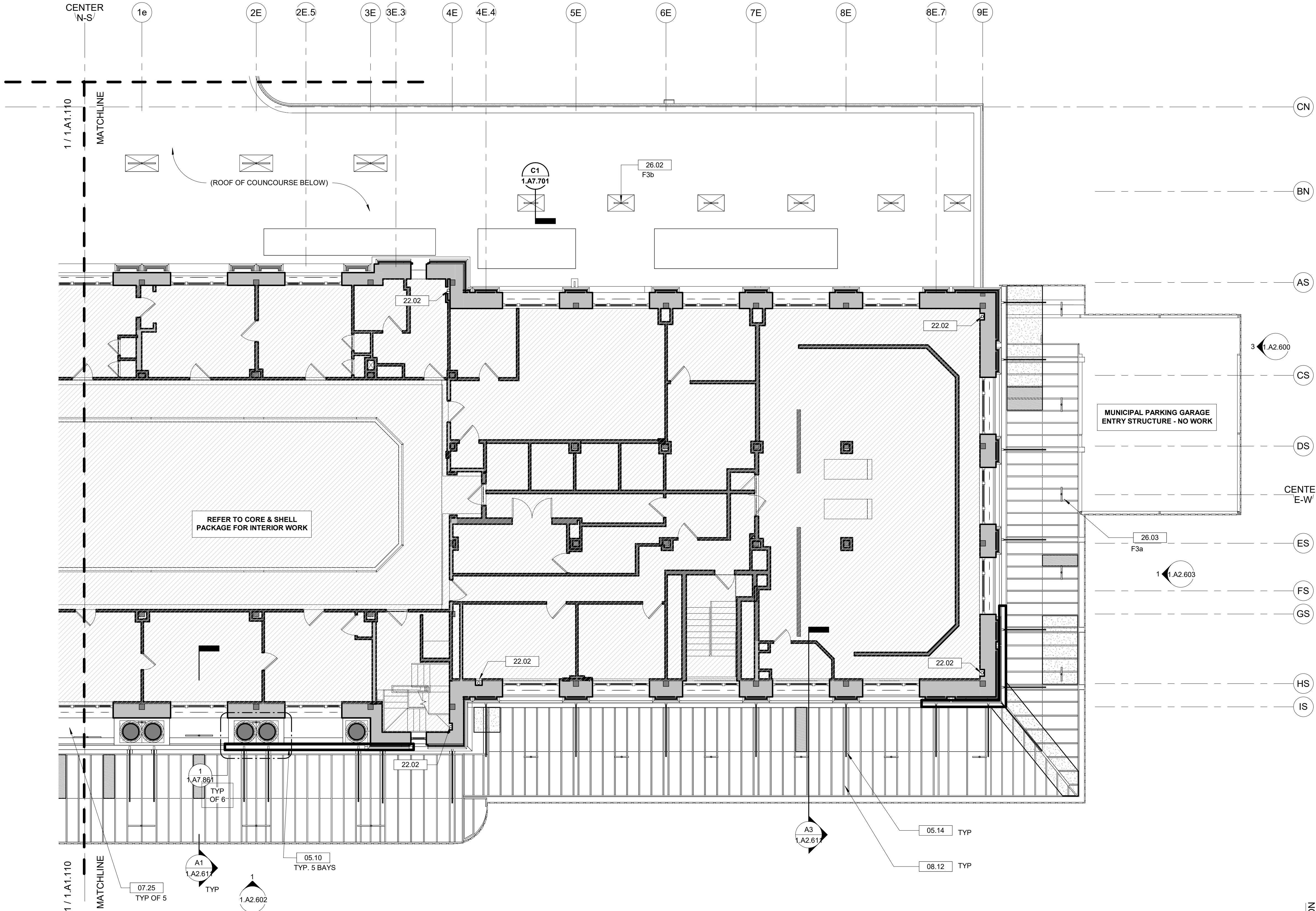
WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE MARYLAND
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

60% SUBMISSION DRAFT
Designed Designer Draw Author Checked Checker Date 10/9/20

Work Elem. No: C.RE.100048
Sheet name:
SECOND FLOOR PLAN - WEST
Dwg. No: **1.A1.110**



- SHEET NOTES**
1. REFER TO SHEET 1.G0.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
- EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES**
- 05.10 REMOVE EXISTING SHEET METAL TRIM UNDER GUTTER ALONG ENTIRE LENGTH OF BACK EDGE OF GLASS CANOPY. INSTALL NEW COPPER TRIM, PAINTED, TO MATCH EXISTING PROFILE - REFER TO DETAIL.
- 05.14 CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT
- 07.25 PROVIDE NEW FLAT (SINGLE LOCK) SEAM, MILL FINISH COPPER ROOFING AND FLASHING OVER WATERPROOFING UNDERLAYMENT, OVER EXISTING STONE BALCONY FLOOR, SLOPED TO DRAINS.
- 08.12 METAL INFILL PANEL AT LINE OF MARQUEE SUPPORT BRACKET - TYP
- 22.02 STORM WATER RISER - CUT OPEN EXISTING WALLS AS MINIMALLY AS POSSIBLE FOR INSTALL - INSTALL FRESTOPPING AT EVERY FLOOR LEVEL - REFER TO PLUMBING
- 26.02 EXTERIOR LIGHTING FIXTURE MOUNTED TO A SELF-BALLASTED PAD - REFER TO LIGHTING DESIGN DRAWINGS AND SPECS AND MOUNTING DETAIL INDICATED
- 26.03 EXTERIOR LIGHTING FIXTURE MOUNTED TO TOP OF CANOPY

- LEGEND**
- NEW INTERIOR RAINLEADER RUNNING VERTICALLY THROUGH FLOOR LEVELS -REFER TO PLUMBING AND OTHER NOTATIONS
- ROOF DRAIN - PROVIDE NEW TERNE-COATED COPPER OUTLET FLASHING IN EXISTING ROOF DRAIN TO REMAIN. INSTALL MESH COPPER STRAINER IN OUTLET SIM. TO 8/A-601.
- LAMINATED CANOPY GLAZING TO BE REPLACED WHERE PANES BROKEN OR INTERLAYER DAMAGED. NEW GLASS UNITS TO MATCH EXISTING: TEXTURED CLEAR UPPER PANE, LAMINATED TO CLEAR POLYVINYL INTERLAYER, AND CLEAR TEMPERED BOTTOM PANE
- SECTION OF CHANNEL FRAMING TO BE REINFORCED ALONG BACK EDGE OF CANOPY. REMOVE RUST FROM CHANNEL FRAMING AND INSTALL GALV. STEEL FRAMING REINFORCING - REFER TO ARCHITECTURAL AND STRUCTURAL CANOPY RESUPPORT AND SISTERING DETAILS.
- REMOVE CONCENTRATED DEBRIS OR VEGETATION FROM GLASS CANOPY. FOLLOW REMOVAL WITH CLEANING TO REMOVE ORGANIC GROWTH OR STAINING.
- PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD.
- Key Plan**
- C E H

PARTIAL - SECOND FLOOR PLAN - EAST

1/8" = 1'-0"

No.	Revisions	Date	By	Amtrak This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.	Office of Chief Engineer STRUCTURES National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104	Approved	Date	PENN STATION PARTNERS, LLC 1300 Thames Street, Suite 10 Baltimore, MD 21231 United States Tel 410.123.4567 Fax 410.123.4567	QUINN EVANS 100 North Charles Street, 14th Floor Baltimore, MD 21201 Tel 410.576.0440	wsp WSP USA 1300 North 17th Street, Suite 1000 Arlington, VA 22209	Seal/signature :	BALTIMORE HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE 60% SUBMISSION DRAFT	MARYLAND Work Elem. No.: C.RE.100048 Sheet name: SECOND FLOOR PLAN - EAST Dwg. No.: 1.A1.111
												Designed Designer Draw Author Checked Checker Date 10/9/20	

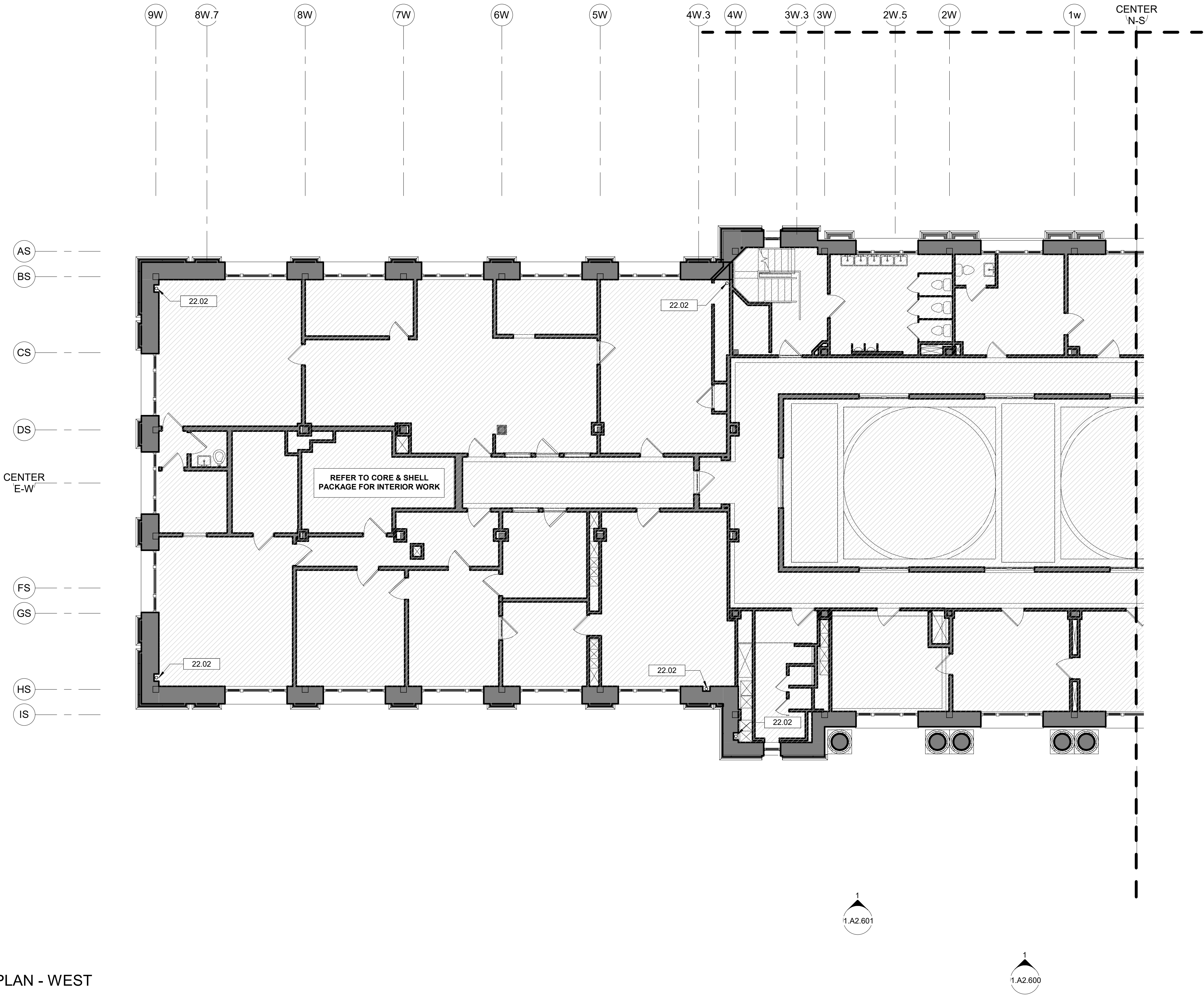
FILE NAME: 1.A1.111
PROJECT: BALTIMORE HEADHOUSE REHABILITATION
DRAWING: EXTERIOR ENVELOPE - EARLY RELEASE

SHEET NOTES

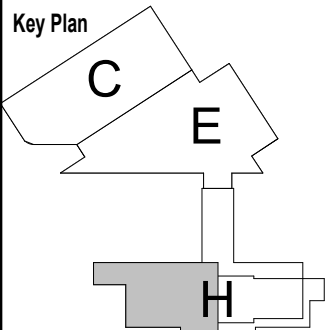
1. REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- 22.02 STORM WATER RISER - CUT OPEN EXISTING WALLS AS MINIMALLY AS POSSIBLE FOR INSTALL - INSTALL FRESTOPPING AT EVERY FLOOR LEVEL - REFER TO PLUMBING



1 PARTIAL - THIRD FLOOR PLAN - WEST
1.A1.112 1/8" = 1'-0"



No.	Revisions	Date	By

Amtrak[®]

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE MARYLAND
**HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE**

60% SUBMISSION DRAFT

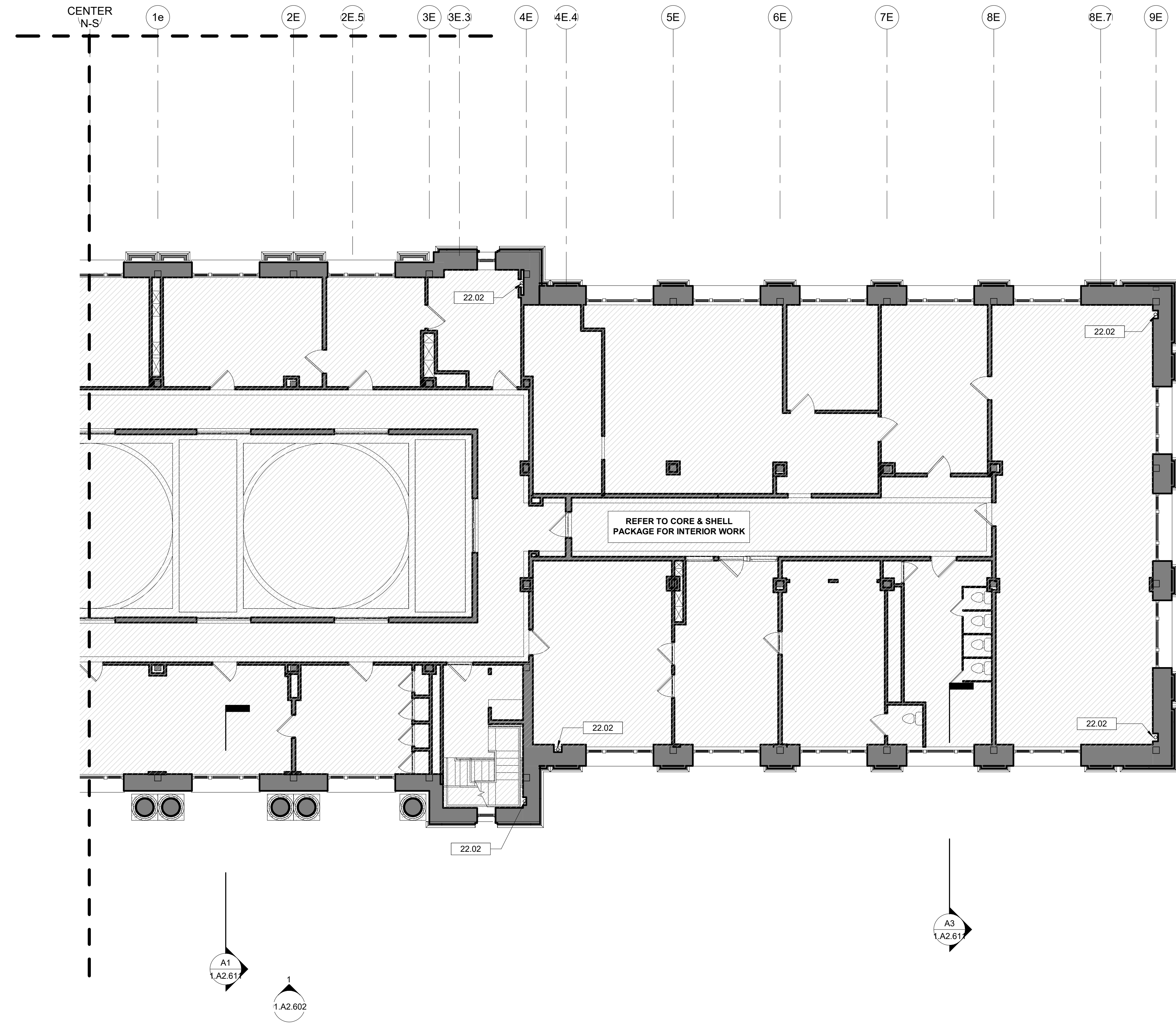
Designed	Designer	Drawn	Author	Checked	Checker	Date	10/9/20
----------	----------	-------	--------	---------	---------	------	---------

Work Elem. No: C.RE.100048

Sheet name:
THIRD FLOOR PLAN - WEST

Dwg. No. **1.A1.112**

FILE NAME: 1.A1.112
PROJECT: BALTIMORE HEADHOUSE REHABILITATION
STANDARD PEN TABLE YES



1 PARTIAL - THIRD FLOOR PLAN - EAST
1.A1.113 1/8" = 1'-0"

SHEET NOTES
1. REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES
22.02 STORM WATER RISER - CUT OPEN EXISTING WALLS AS MINIMALLY AS POSSIBLE FOR INSTALL - INSTALL FRESTOPPING AT EVERY FLOOR LEVEL - REFER TO PLUMBING

Key Plan
C
E
H

BALTIMORE		MARYLAND	
HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE			
60% SUBMISSION DRAFT			
Designed	Designer	Drawn	Author
Checked	Checker	Date	10/9/20

No.	Revisions	Date	By

Amtrak[®]

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States

Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS

100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

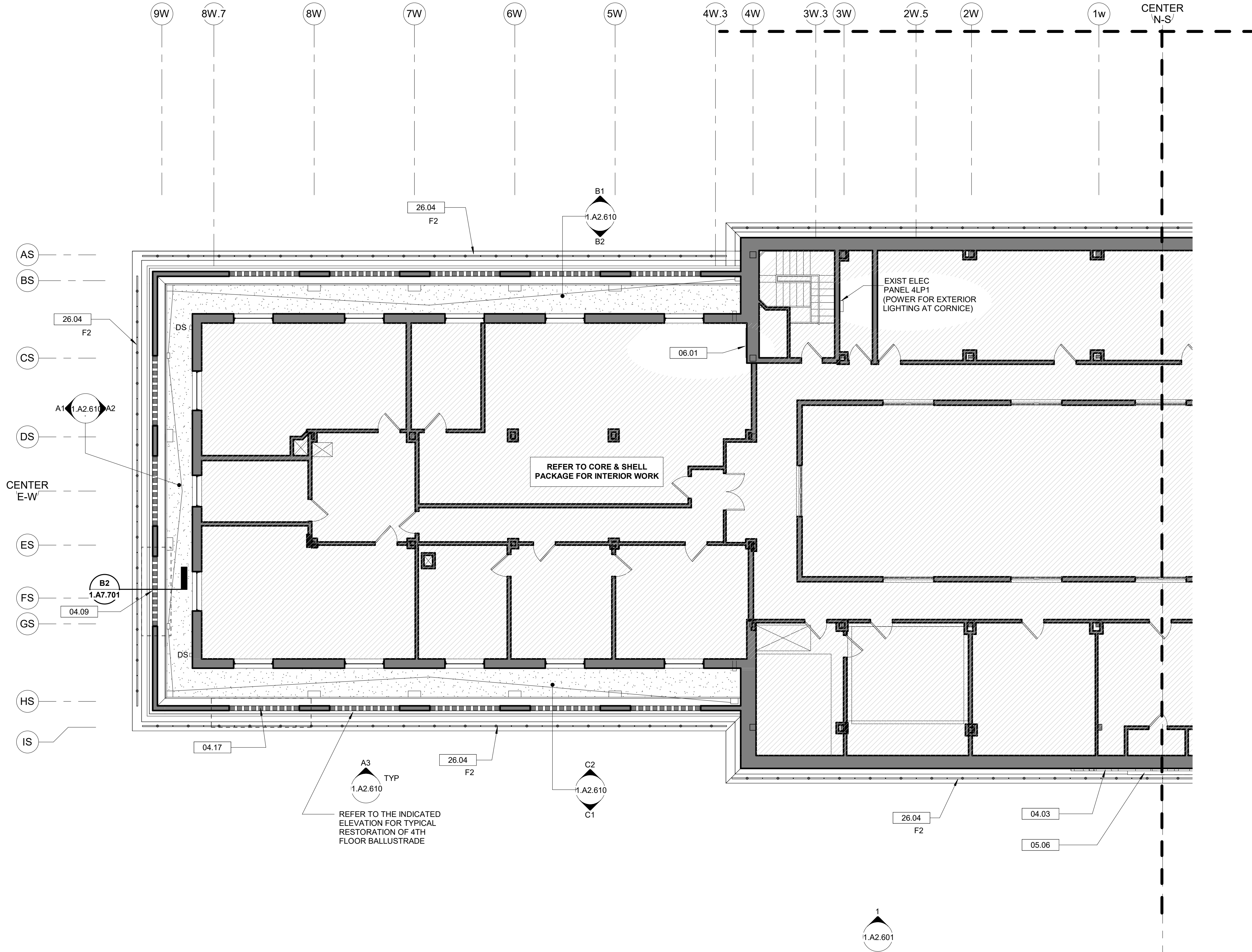
WSP

WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE		MARYLAND	
HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE			
60% SUBMISSION DRAFT			
Designed	Designer	Drawn	Author
Checked	Checker	Date	10/9/20

Work Elem. No.	C.RE.100048
Sheet name:	THIRD FLOOR PLAN - EAST
Dwg. No.	1.A1.113



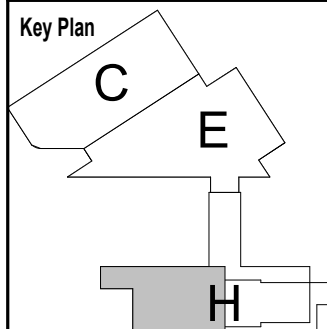
1 PARTIAL - FOURTH FLOOR PLAN - WEST
1.A1.114 1/8" = 1'-0"

SHEET NOTES

1. REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- | | |
|-------|---|
| 04.03 | CLEAN, REPAIR & REPOINT GRANITE SCULPTURE PER SPECIFICATIONS |
| 04.09 | REMOVE DISLOCATED GRANITE CAPSTONE AND CABLE SUPPORTS. REINFORCE BY RESETTING WITH STRUCTURAL STEEL PINS (REFER TO DETAIL INDICATED). REPLACE BROKEN BALUSTER WITH STONE BALUSTER TO MATCH EXISTING. RAKE OUT AND REPOINT ALL MORTAR JOINTS WITHIN SECTION OF BALUSTRADE. |
| 04.17 | REMOVE DISLOCATED GRANITE CAPSTONE. REINFORCE BY RESETTING WITH STEEL PINS (REFER TO DETAIL INDICATED) |
| 05.06 | CLOCK. CLEAN AND REFURBISH |
| 06.01 | PROVIDE 4-FOOT W x 8-FOOT H PLYWOOD BACKER PANEL FOR MOUNTING EXTERIOR LIGHTING CONTROL EQUIPMENT. PROVIDE POWER AS DESCRIBED BY ELECTRICAL ENGINEER |
| 26.04 | EXTERIOR LIGHTING FIXTURES MOUNTED END TO END AT CORNICE - TYP |



No.	Revisions	Date	By
1	EE 60% Draft - add of elec panels	9/23/20	

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

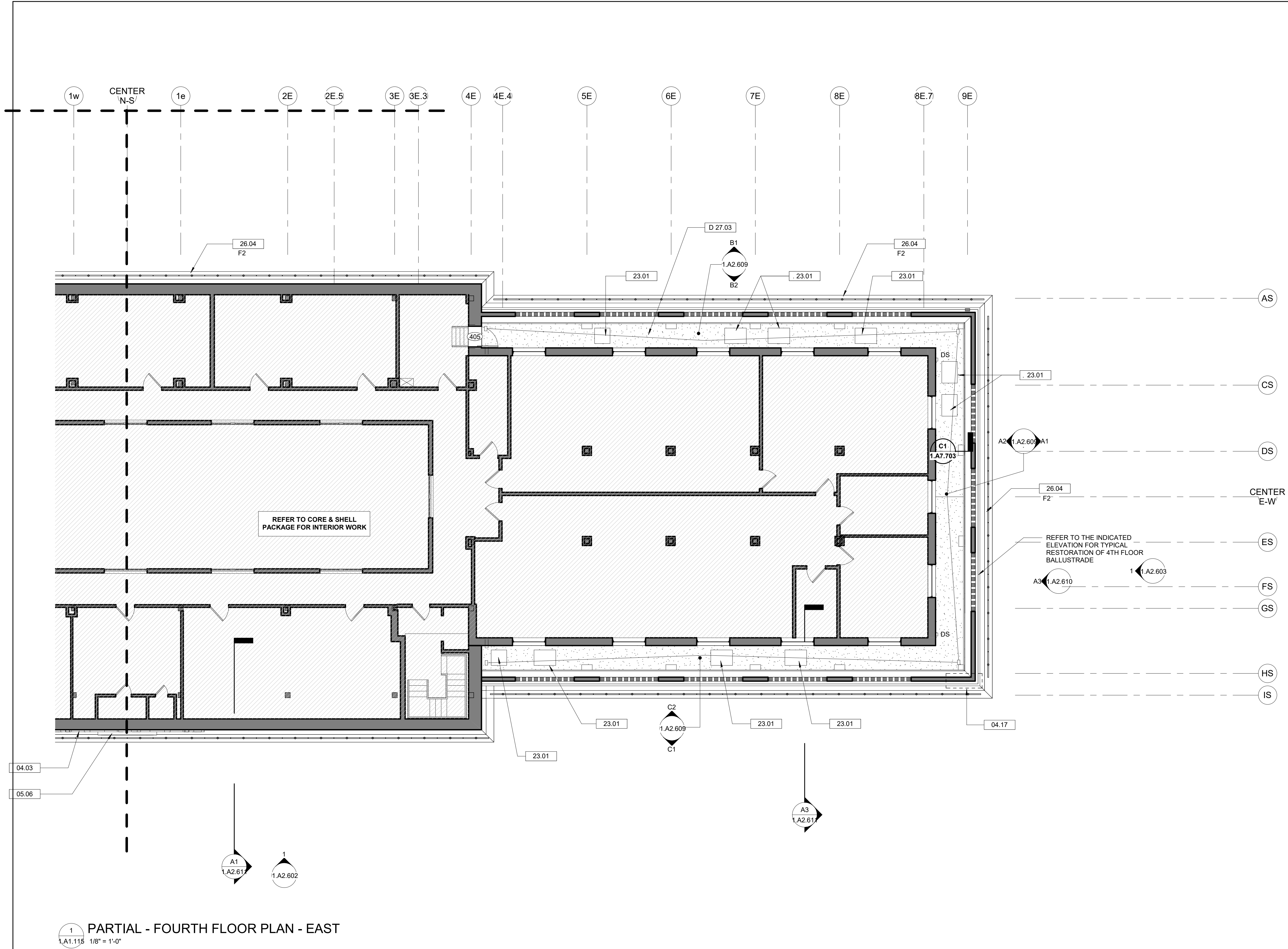
BALTIMORE MARYLAND
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

60% SUBMISSION DRAFT
Designed Designer Drawn Author Checked Checker Date 10/9/20

Work Elem. No.: C.RE.100048

Sheet name:
4TH FLOOR PLAN - WEST

Dwg. No.: **1.A1.114**



SHEET NOTES

1. REFER TO SHEET 1.GO.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT

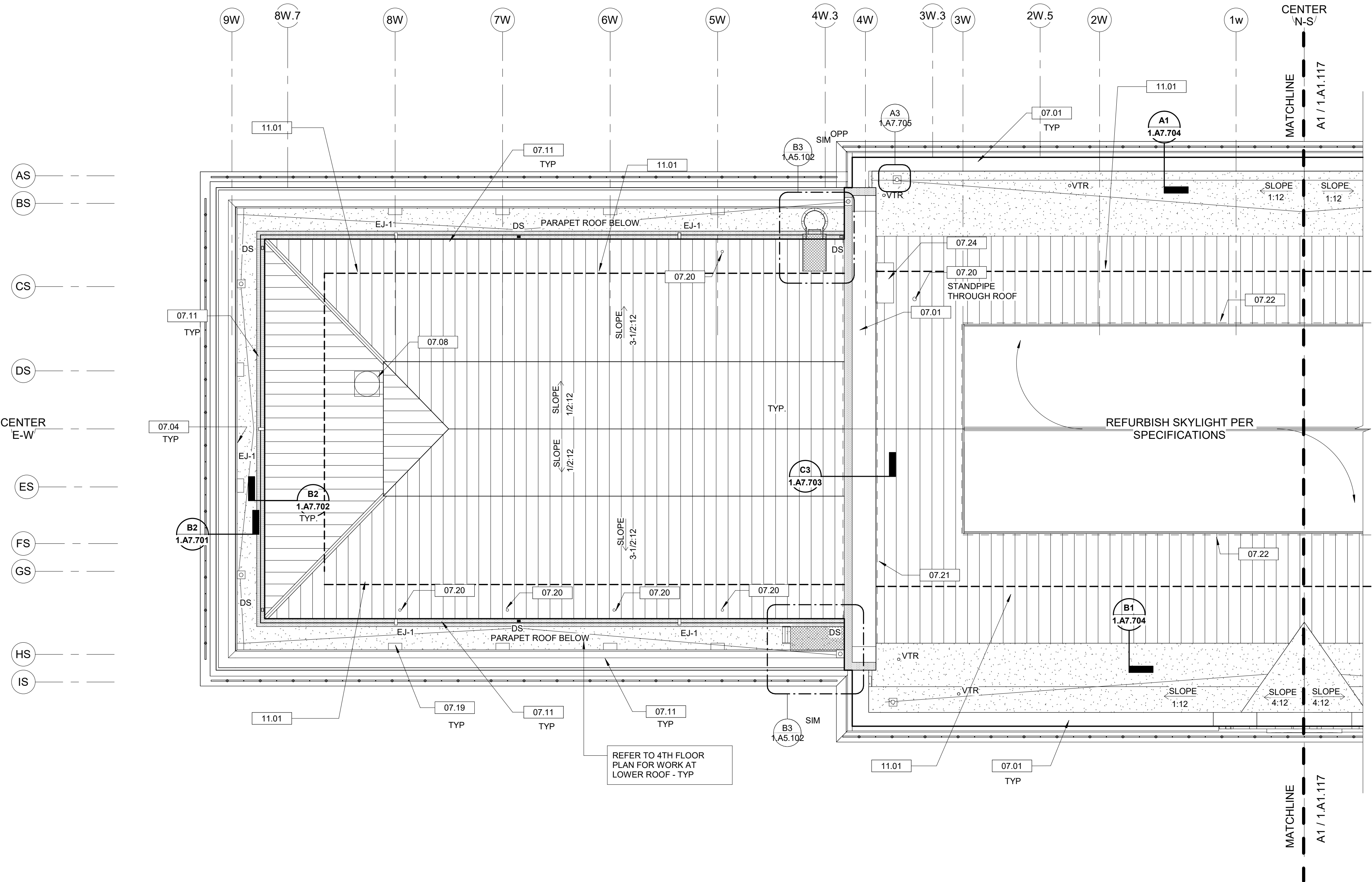
EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- 04.03 CLEAN, REPAIR & REPOINT GRANITE SCULPTURE PER SPECIFICATIONS
04.17 REMOVE DISLOCATED GRANITE CAPSTONE. REINFORCE BY RESETTING WITH STEEL PINS (REFER TO DETAIL INDICATED)
05.06 CLOCK, CLEAN AND REFURBISH
23.01 EXISTING MECHANICAL EQUIPMENT TO BE TESTED ACCORDING TO SPECIFICATIONS. REMOVE, PROTECT, AND REINSTALL EQUIPMENT CURRENTLY IN OPERATION. REMOVE AND DISPOSE OF ABANDONED EQUIPMENT
26.04 EXTERIOR LIGHTING FIXTURES MOUNTED END TO END AT CORNICE - TYP
D 27.03 REMOVE AND SALVAGE ANTENNA AND BASE FOR REINSTALLATION TO FACILITATE RE-ROOFING WORK. COORDINATE WITH TENANT/OWNER OF EQUIPMENT

1 PARTIAL - FOURTH FLOOR PLAN - EAST
1.A1.115 1/8" = 1'-0"

No.				Revisions				Date				By			

*ASSUME 10% (1,188 SF) OF T.O. EXISTING ROOF DECK (CONCRETE TOPPING) WILL NEED TO BE REPAIRED PRIOR TO INSTALLATION OF NEW INSULATION AND ROOFING. CONTRACTOR TO VERIFY CONDITIONS AND EXTENT IN FIELD FOLLOWING REMOVAL OF EXISTING ROOFING AND EXPOSURE OF DECK.



A1 PARTIAL UPPER ROOF PLAN - WEST
1.A1.116 1/8" = 1'-0"

SHEET NOTES

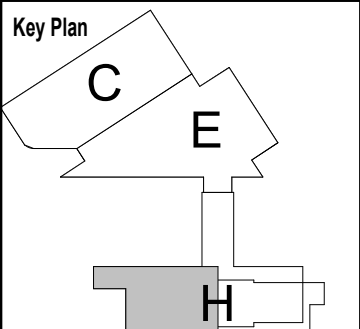
- REFER TO SHEET 1.G0.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
- FALL PROTECTION INFRASTRUCTURE IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM AS FOLLOWS:
 - PROVIDE A HANDS FREE HORIZONTAL LIFELINE SYSTEM ABLE TO ACCOMMODATE USE WITH STANDARD HARNESS AND J-CLAMP EQUIPMENT, INCLUDING DOUBLE-LANYARDS AND AUXILIARY BYPASS LANYARD
 - MAXIMUM FALL ARREST FORCE: 1,800 POUNDS (816 KG) WHEN WEARING A BODY HARNESS WITH A SAFETY FACTOR OF 2 WITHOUT PERMANENT DEFORMATION, AND 5,000 POUNDS (2267 KG) AGAINST FRACTURE OR DETACHMENT
 - ACCOMMODATE A CAPACITY MAXIMUM OF 2 WORKERS PER LENGTH OF CABLE BETWEEN TWO ANCHORS
 - PROVIDE ALL TURNBUCKLES, J-CLAMPS, THIMBLES, AND SHOCK ABSORBERS REQUIRED FOR COMPLETE CONTINUOUS CABLE SYSTEM THRU ANCHORS, AS SHOWN. PROVIDE ANCHOR AND CABLE SYSTEM WITH 2'-6" MAXIMUM CABLE SAG BETWEEN TWO ANCHORS.
 - PROVIDE PERMANENT ANCHORS FASTENED TO BUILDING STRUCTURE AS NOTED AND DIAGRAMMED. FALL PROTECTION STANDARD LANYARD LENGTHS (WITH 12 FT. EXTENSION LANYARDS AT CONCOURSE ROOF, AND ROBE GRAB EXTENSION SYSTEM AT UPPER ROOFS), AND PROVIDE REACH TO ALL ROOF SURFACES AND EDGES, INCLUDING ALL LENGTHS OF GUTTERS, DRAINS, AND EQUIPMENT, AS WELL AS ALLOW TRAVEL TO ROOF ACCESS STAIRS AND LADDERS CONNECTING SECTIONS / LEVELS OF ROOFS.
 - COMPLY WITH OSHA AND OTHER AUTHORITIES HAVING JURISDICTION REQUIREMENTS. AS PART OF DESIGN-BUILD SUBMISSION, SHOP DRAWINGS SHALL BE MADE WITH CERTIFICATIONS AND ENGINEER'S SEAL

EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- | | |
|-------|--|
| 07.01 | PROVIDE NEW CONTINUOUS METAL COPING CAP TO MATCH EXISTING PROFILE - REFER TO DETAIL. |
| 07.04 | PROVIDE NEW CONT METAL COPING CAP - REFER TO DETAIL |
| 07.08 | RE-INSTALL SALVAGED MECHANICAL VENT HOOD OVER NEW BASE FLASHING AND WATERPROOFING UNDERLAYMENT. |
| 07.11 | PROVIDE NEW GUTTER LINING (SLOPED TO DRAINS) OVER WATERPROOFING UNDERLAYMENT, IN EXISTING BUILT-IN ONE OR CONCRETE GUTTER MATCH EXISTING. VERIFY EXIST. DETAILING TO BE DETERMINED FOLLOWING FIELD REVIEW. |
| 07.19 | PROVIDE NEW METAL COPING CAP AT TOP OF EXISTING BRICK COLUMN WRAP - TYP |
| 07.20 | REPAIR OR REPLACE DAMAGED OR CORRODED FLASHING AT PIPE PENETRATION |
| 07.21 | REPAIR OR REPLACE DAMAGED OR CORRODED BASE FLASHING AND COUNTERFLASHING EACH SIDE OF PARAPET |
| 07.22 | REPAIR OR REPLACE DAMAGED OR CORRODED BASE FLASHING AND COUNTERFLASHING AT SKYLIGHT CURB |
| 07.24 | CURB AND COVER OVER ABANDONED SKYLIGHT TO REMAIN - REPAIR FLASHINGS AS REQUIRED |
| 11.01 | PROVIDE FALL PROTECTION INFRASTRUCTURE AS REQUIRED. COMPLETE SYSTEM IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM. REFER TO SHEET NOTE 1 ON CONCOURSE AND UPPER ROOF PLANS FOR MORE DETAIL |

UPPER ROOF LEGEND

- | | |
|--|--|
| | EXISTING TERNE-COATED STAINLESS STEEL STANDING SEAM ROOF TO BE REFURBISHED |
| | PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD, OVER ADHERED 4" MIN. RIGID INSULATION BOARD, TAPERED & SLOPED TO DRAINS, OVER EXISTING ROOF DECK. |
| | SLOPE DIRECTION OF ROOF SLOPE - DOWN TO DRAIN. |
| | ROOF DRAIN - PROVIDE NEW ROOF DRAIN AT EXISTING DRAIN LOCATION. ENLARGE CORE HOLE THRU DECK TO ACCOMMODATE LARGER PIPE DIAMETER. REFER TO PLUMBING. FLASH NEW ROOF SYSTEM INTO NEW DRAIN BODIES - REFER TO A3/1.A7.705. |
| | EXISTING VENT THRU ROOF. PROVIDE WITH NEW PRE-MANUFACTURED EPDM PIPE FLASHING BOOT AROUND EXISTING VENT PIPE TO REMAIN AT NEW EPDM ROOFS. REPAIR OR REPLACE FLASHING AT EXISTING METAL ROOFS TO REMAIN |
| | NEW 3"X5" MILL DOWNSPOUT, EXTENDING 1-STORY DOWN FROM BUILT IN GUTTER AND DAYLIGHTING ONTO 4TH FLOOR PARAPET BELOW, IN SAME LOCATION AS EXISTING. REPLICATE EXISTING CONDUCTOR BOX. PROVIDE NEW DOWNSPOUT STRAPS TO MATCH EXISTING IN QUANTITY AND LOCATION - FASTEN THRU MORTAR JOINTS ONLY. REFER TO C1/1.A7.702 FOR DS OUTLET DETAIL. |
| | NEW 3"X5" DOWNSPOUT, EXTENDING 1-STORY DOWN FROM BUILT IN GUTTER AND DAYLIGHTING ONTO 4TH FLOOR PARAPET BELOW, IN NEW LOCATION AS SHOWN. CORE THRU AND PASS NEW DOWNSPOUT THRU EXISTING CORNICE TO MATCH ADJACENT/EXISTING DOWNSPOUT DETAILING. PROVIDE NEW CONDUCTOR BOX TO REPLICATE ADJACENT EXISTING BOXES. REFER TO C1/1.A7.702 FOR DS OUTLET DETAIL. |
| | NEW GUTTER EXPANSION JOINT - REFER TO TYPICAL DETAIL. |
| | EXISTING COMMUNICATION DEVICE TO REMAIN |
| | LOCATION NUMBER |



No.	Revisions	Date	By

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21201
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

wsp
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

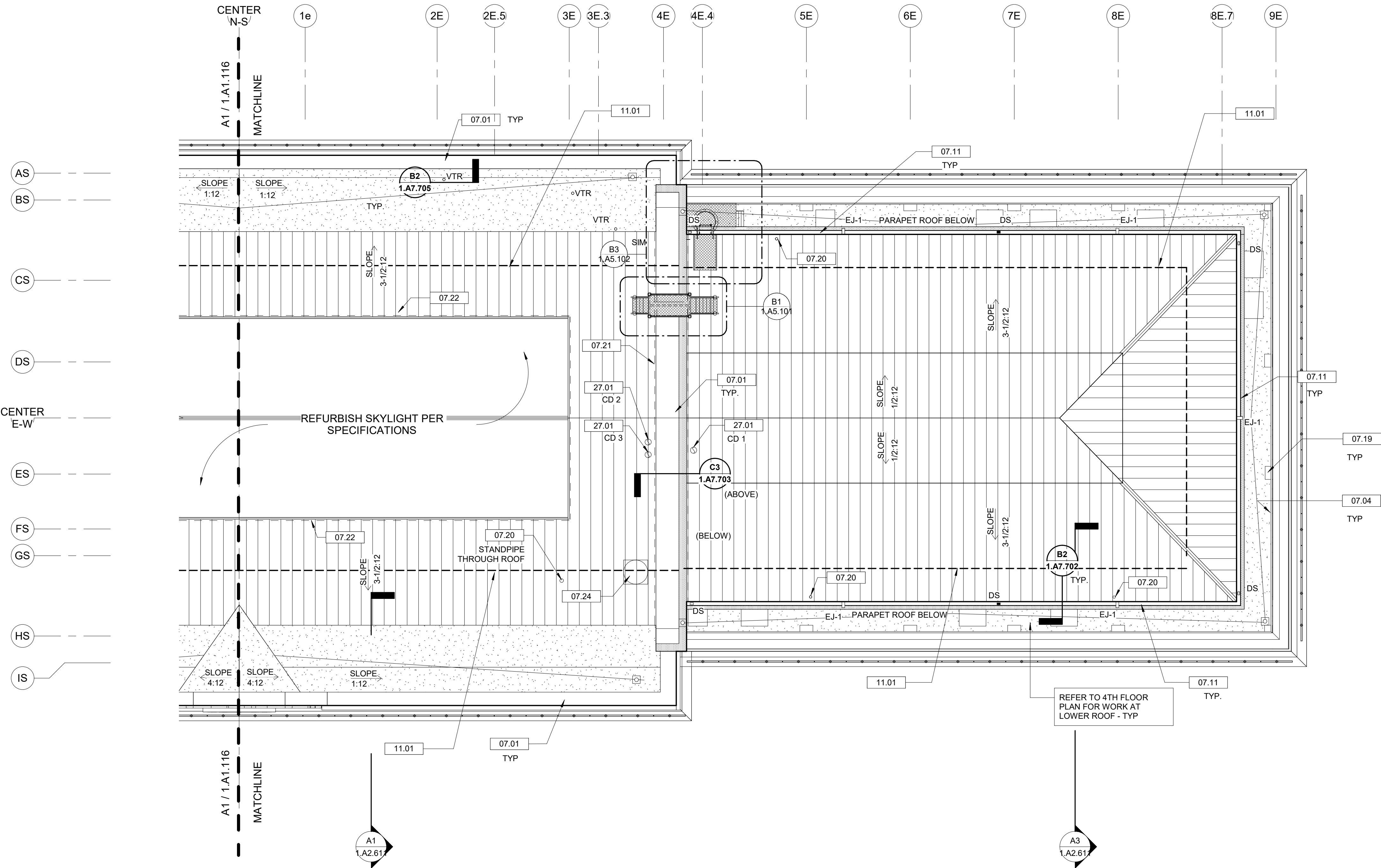
Seal/signature :

BALTIMORE MARYLAND
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

60% SUBMISSION DRAFT					
Designed	Designer	Drawn	Author	Checked	Checker
Date	10/9/20				

Work Elem. No.: C.RE/100048
Sheet name:
ROOF PLAN - WEST
Date
1.A1.116

*ASSUME 10% (1,188 SF) OF T.O. EXISTING ROOF DECK (CONCRETE TOPPING) WILL NEED TO BE REPAIRED PRIOR TO INSTALLATION OF NEW INSULATION AND ROOFING. CONTRACTOR TO VERIFY CONDITIONS AND EXTENT IN FIELD FOLLOWING REMOVAL OF EXISTING ROOFING AND EXPOSURE OF DECK.

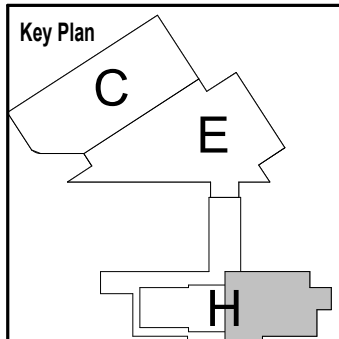


A1 PARTIAL - UPPER ROOF PLAN - EAST
1.A1.117 1/8" = 1'-0"

- SHEET NOTES**
- REFER TO SHEET 1.G0.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
 - FALL PROTECTION INFRASTRUCTURE IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM AS FOLLOWS:
 - PROVIDE A HANDS FREE HORIZONTAL LIFELINE SYSTEM ABLE TO ACCOMMODATE USE WITH STANDARD HARNESS AND J-CLAMP EQUIPMENT, INCLUDING DOUBLE-LANYARDS AND AUXILIARY BYPASS LANYARD
 - MAXIMUM FALL ARREST FORCE: 1,800 POUNDS (816 KG) WHEN WEARING A BODY HARNESS WITH A SAFETY FACTOR OF 2 WITHOUT PERMANENT DEFORMATION, AND 5,000 POUNDS (2267 KG) AGAINST FRACTURE OR DETACHMENT
 - ACCOMMODATE A CAPACITY MAXIMUM OF 2 WORKERS PER LENGTH OF CABLE BETWEEN TWO ANCHORS.
 - PROVIDE ALL TURNBUCKLES, J-CLAMPS, THIMBLES, AND SHOCK ABSORBERS REQUIRED FOR COMPLETE CONTINUOUS CABLE SYSTEM THRU ANCHORS, AS SHOWN. PROVIDE ANCHOR AND CABLE SYSTEM WITH 2"-6" MAXIMUM CABLE SAG BETWEEN TWO ANCHORS.
 - PROVIDE PERMANENT ANCHORS FASTENED TO BUILDING STRUCTURE AS NOTED AND DIAGRAMMED. FALL PROTECTION ANCHOR LAYOUT AND SPACING IS TO ACCOMMODATE STANDARD LANYARD LENGTHS (WITH 12 FT. EXTENSION LANYARDS AT CONCOURSE ROOF, AND ROBE GRAB EXTENSION SYSTEM AT UPPER ROOFS), AND PROVIDE REACH TO ALL ROOF SURFACES AND EDGES, INCLUDING ALL LENGTHS OF GUTTERS, DRAINS, AND EQUIPMENT, AS WELL AS ALLOW TRAVEL TO ROOF ACCESS STAIRS AND LADDERS CONNECTING SECTIONS / LEVELS OF ROOFS.
 - COMPLY WITH OSHA AND OTHER AUTHORITIES HAVING JURISDICTION REQUIREMENTS. AS PART OF DESIGN-BUILD SUBMISSION, SHOP DRAWINGS SHALL BE MADE WITH CERTIFICATIONS AND ENGINEER'S SEAL

- EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES**
- | | |
|-------|---|
| 07.01 | PROVIDE NEW CONTINUOUS METAL COPING CAP TO MATCH EXISTING PROFILE - REFER TO DETAIL |
| 07.04 | PROVIDE NEW CONT METAL COPING CAP - REFER TO DETAIL |
| 07.11 | PROVIDE NEW GUTTER LINING (SLOPED TO DRAINS) OVER WATERPROOFING UNDERLAYMENT, IN EXISTING BUILT-IN STONE OR CONCRETE GUTTER TO MATCH EXISTING. VERIFY EXIST. DETAILING TO BE DETERMINED FOLLOWING FIELD REVIEW. |
| 07.19 | PROVIDE NEW METAL COPING CAP AT TOP OF EXISTING BRICK COLUMN WRAP - TYP |
| 07.20 | REPAIR OR REPLACE DAMAGED OR CORRODED FLASHING AT PIPE PENETRATION |
| 07.21 | REPAIR OR REPLACE DAMAGED OR CORRODED BASE FLASHING AND COUNTERFLASHING EACH SIDE OF PARAPET |
| 07.22 | REPAIR OR REPLACE DAMAGED OR CORRODED BASE FLASHING AND COUNTERFLASHING AT SKYLIGHT CURB |
| 07.24 | CURB AND COVER OVER ABANDONED SKYLIGHT TO REMAIN - REPAIR FLASHINGS AS REQUIRED |
| 11.01 | PROVIDE FALL PROTECTION INFRASTRUCTURE AS REQUIRED. COMPLETE SYSTEM IS TO BE BID AS A DESIGN-BUILD, DELEGATED DESIGN SYSTEM. REFER TO SHEET NOTE 1 ON CONCOURSE AND UPPER ROOF PLANS FOR MORE DETAIL |
| 27.01 | REMOVE COMMUNICATION DEVICE IF REQUIRED TO PERFORM NEW WORK AND REINSTALL MOUNTED ON VERTICAL WALL |

- UPPER ROOF LEGEND**
- | | |
|--|--|
| | EXISTING TERNE-COATED STAINLESS STEEL STANDING SEAM ROOF TO BE REFURBISHED |
| | PROVIDE NEW, FULLY-ADHERED 90-MIL EPDM ROOF SYSTEM ON COVER BOARD, OVER ADHERED 4" MIN. RIGID INSULATION BOARD, TAPERED & SLOPED TO DRAINS, OVER EXISTING ROOF DECK. |
| | DIRECTION OF ROOF SLOPE - DOWN TO DRAIN. |
| | ROOF DRAIN - PROVIDE NEW ROOF DRAIN AT EXISTING DRAIN LOCATION. ENLARGE CORE HOLE THRU DECK TO ACCOMMODATE LARGER PIPE DIAMETER. REFER TO PLUMBING. FLASH NEW ROOF SYSTEM INTO NEW DRAIN BODIES - REFER TO A3/1.A7.705. |
| | EXISTING VENT THRU ROOF. PROVIDE WITH NEW PRE-MANUFACTURED EPDM PIPE FLASHING BOOT AROUND EXISTING VENT PIPE TO REMAIN AT NEW EPDM ROOFS. REPAIR OR REPLACE FLASHING AT EXISTING METAL ROOFS TO REMAIN |
| | NEW 3"x5" MILL DOWNSPOUT, EXTENDING 1-STORY DOWN FROM BUILT IN GUTTER AND DAYLIGHTING ONTO 4TH FLOOR PARAPET BELOW, IN SAME LOCATION AS EXISTING. REPLICATE EXISTING CONDUCTOR BOX. PROVIDE NEW DOWNSPOUT STRAPS TO MATCH EXISTING IN QUANTITY AND LOCATION - FASTEN THRU MORTAR JOINTS ONLY. REFER TO C1/1.A7.702 FOR DS OUTLET DETAIL. |
| | NEW 3"x5" DOWNSPOUT, EXTENDING 1-STORY DOWN FROM BUILT IN GUTTER AND DAYLIGHTING ONTO 4TH FLOOR PARAPET BELOW, IN NEW LOCATION AS SHOWN. CORE THRU AND PASS NEW DOWNSPOUT THRU EXISTING CORNICE TO MATCH ADJACENT/EXISTING DOWNSPOUT DETAILING. PROVIDE NEW CONDUCTOR BOX TO REPLICATE ADJACENT EXISTING BOXES. REFER TO C1/1.A7.702 FOR DS OUTLET DETAIL. |
| | NEW GUTTER EXPANSION JOINT - REFER TO TYPICAL DETAIL. |
| | EXISTING COMMUNICATION DEVICE TO REMAIN |
| | LOCATION NUMBER |



No.	Revisions	Date	By

Amtrak[®]

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21201
United States
Tel 410.123.4567
Fax 410.123.4567

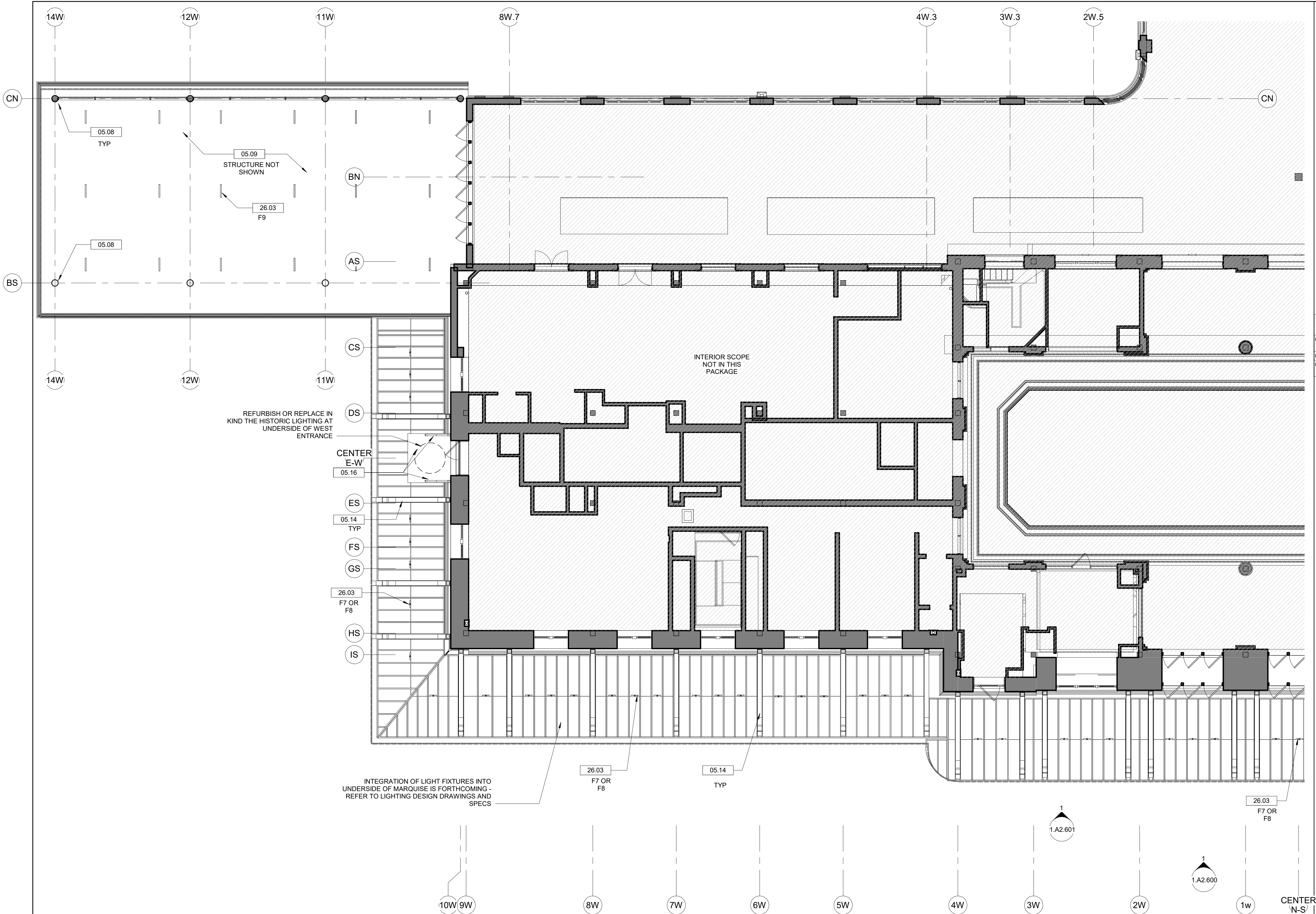
QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

wsp
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE				MARYLAND			
HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE							
60% SUBMISSION DRAFT							
Designed	Designer	Drawn	Author	Checked	Checker	Date	10/9/20

Work Elem. No.	C.RE.100048
Sheet name:	ROOF PLAN - EAST
Proj. No.	1.A1.117



EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

- 05.08 SPOT REMOVE SURFACE RUST FROM EXISTING DECORATIVE CAST IRON CANOPY ROOF SUPPORT COLUMNS. PREP AND PAINT ENTIRE COLUMNS.
- 05.14 CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT
- 05.16 CLEAN RUST FROM CANOPY BRACKETS AND TIE RODS, AND ROOF AS PER PRESERVATION BRIEF 27 AND REPAINT

PARTIAL FIRST FLOOR RCP - WEST

1
1.A1.201
1/8" = 1'-0"

No.	Revisions	Date	By

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21201
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

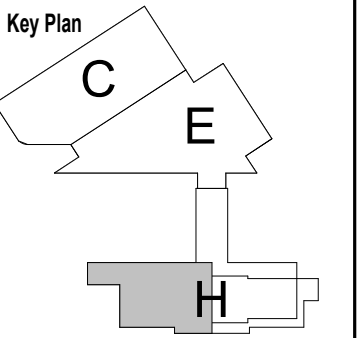
WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

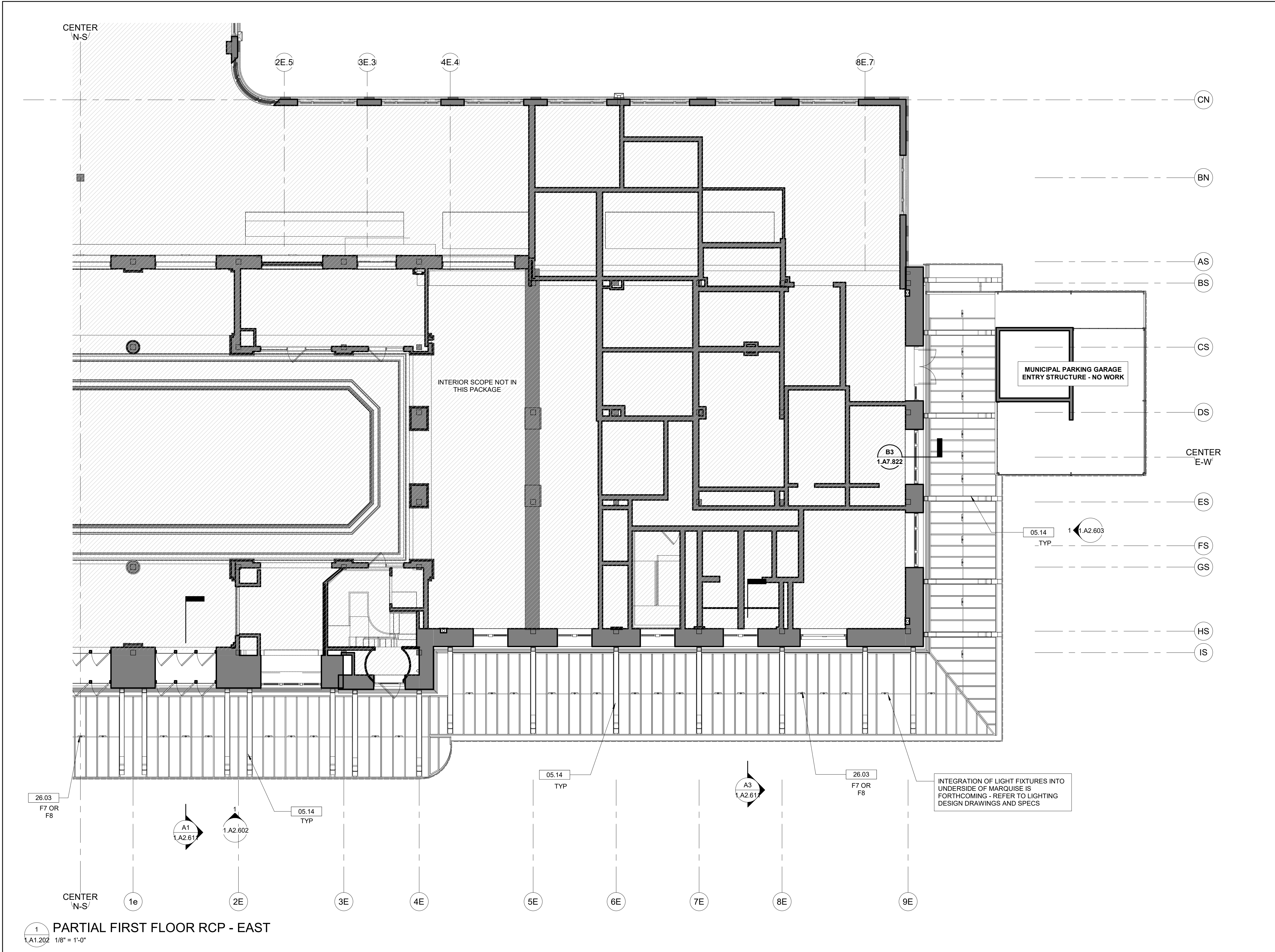
BALTIMORE
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

MARYLAND

60% SUBMISSION DRAFT
Designed Designer Draw Author Checked Checker Date 10/9/20

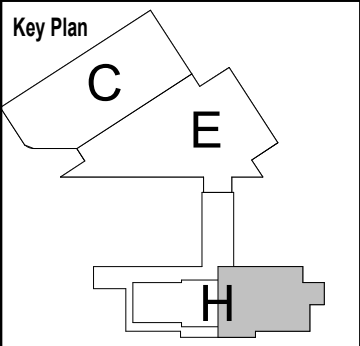


Work Elem. No: C.RE.100048
Sheet name:
FIRST FLOOR RCP - WEST
Dwg. No: **1.A1.201**



EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

05.14 CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT



1 PARTIAL FIRST FLOOR RCP - EAST
1.A1.202 1/8" = 1'-0"

No.	Revisions	Date	By

Amtrak[®]

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

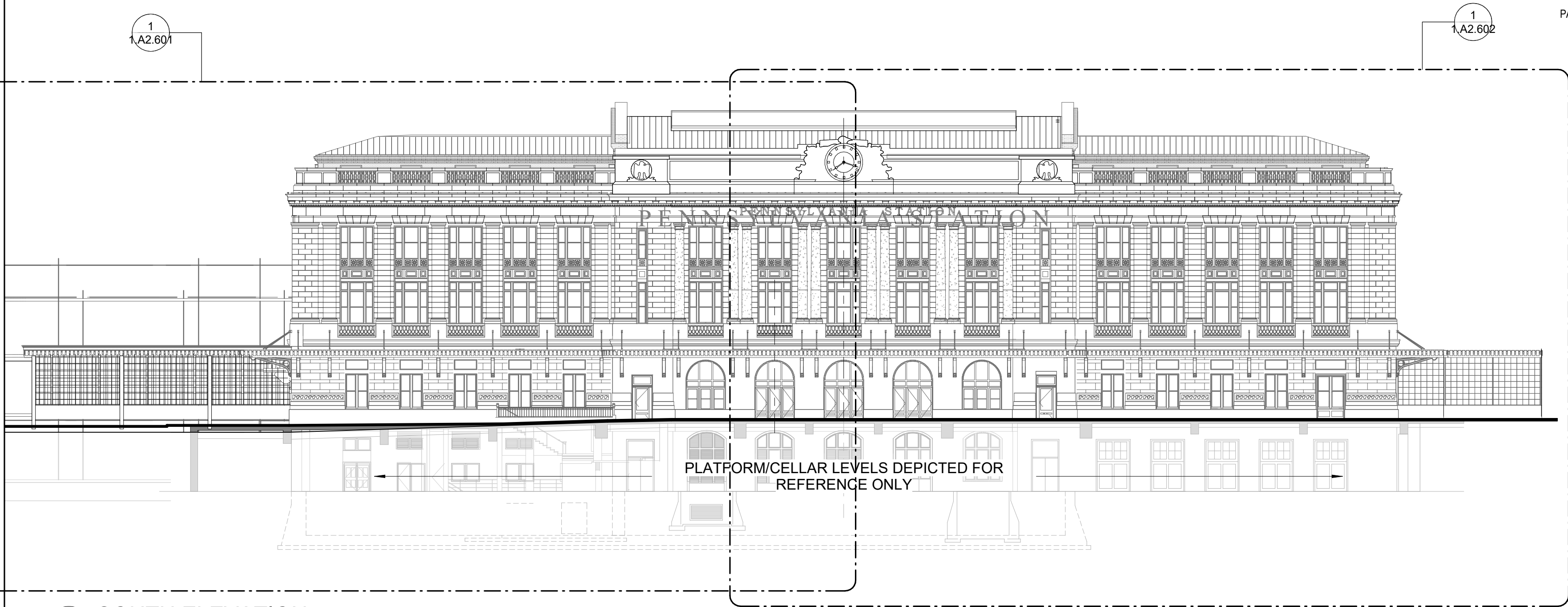
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

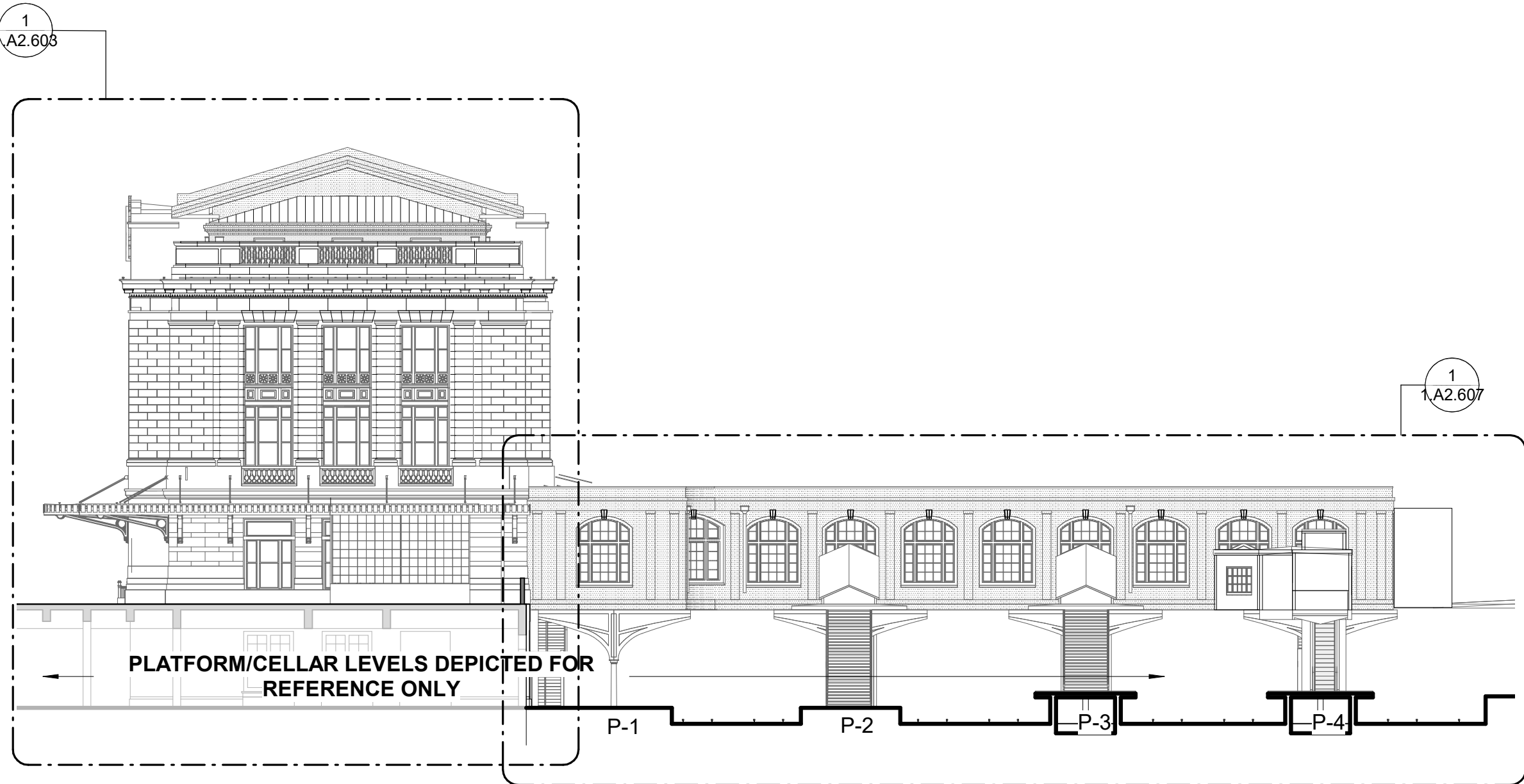
BALTIMORE				MARYLAND			
HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE							
60% SUBMISSION DRAFT							
Designed	Designer	Drawn	Author	Checked	Checker	Date	10/9/20

Work Elem. No.	C.RE.100048
Sheet name:	FIRST FLOOR RCP - EAST
Dwg. No.	1.A1.202

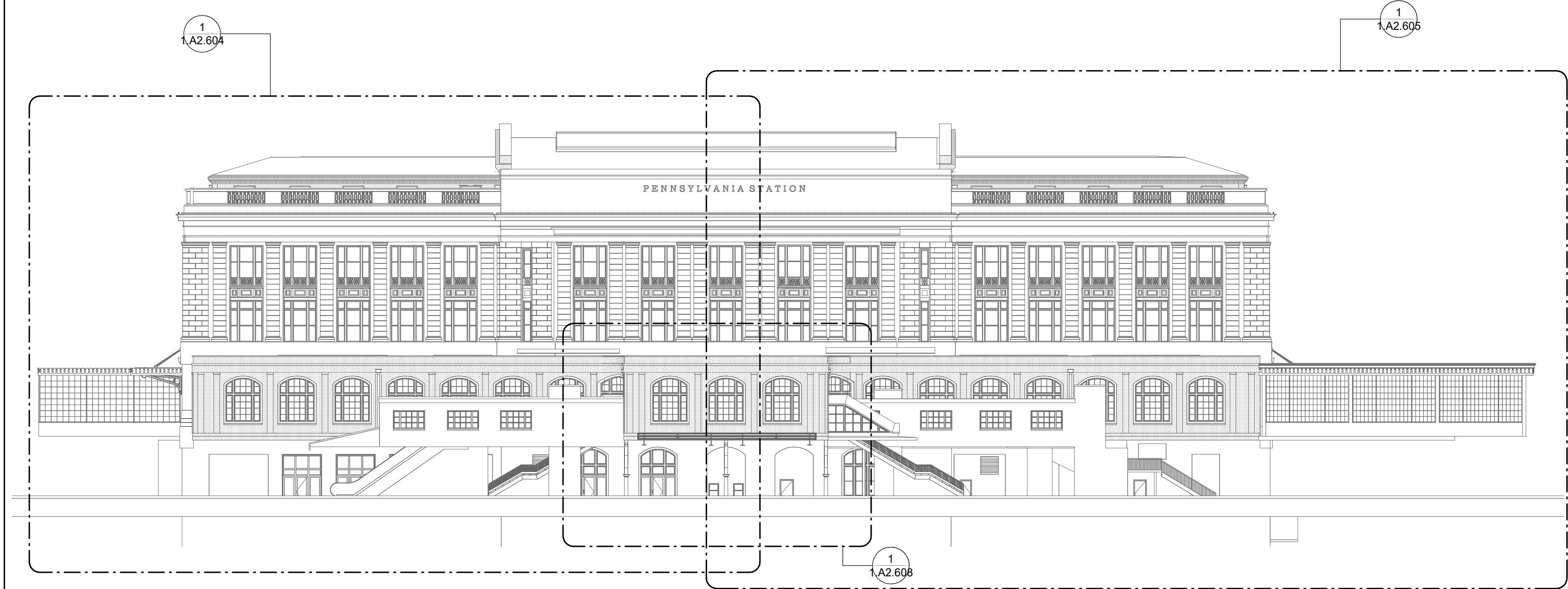
FILE NAME: 1.A1.202
PROJECT: BALTIMORE HEADHOUSE REHABILITATION
DRAWING: EXTERIOR ENVELOPE - EARLY RELEASE



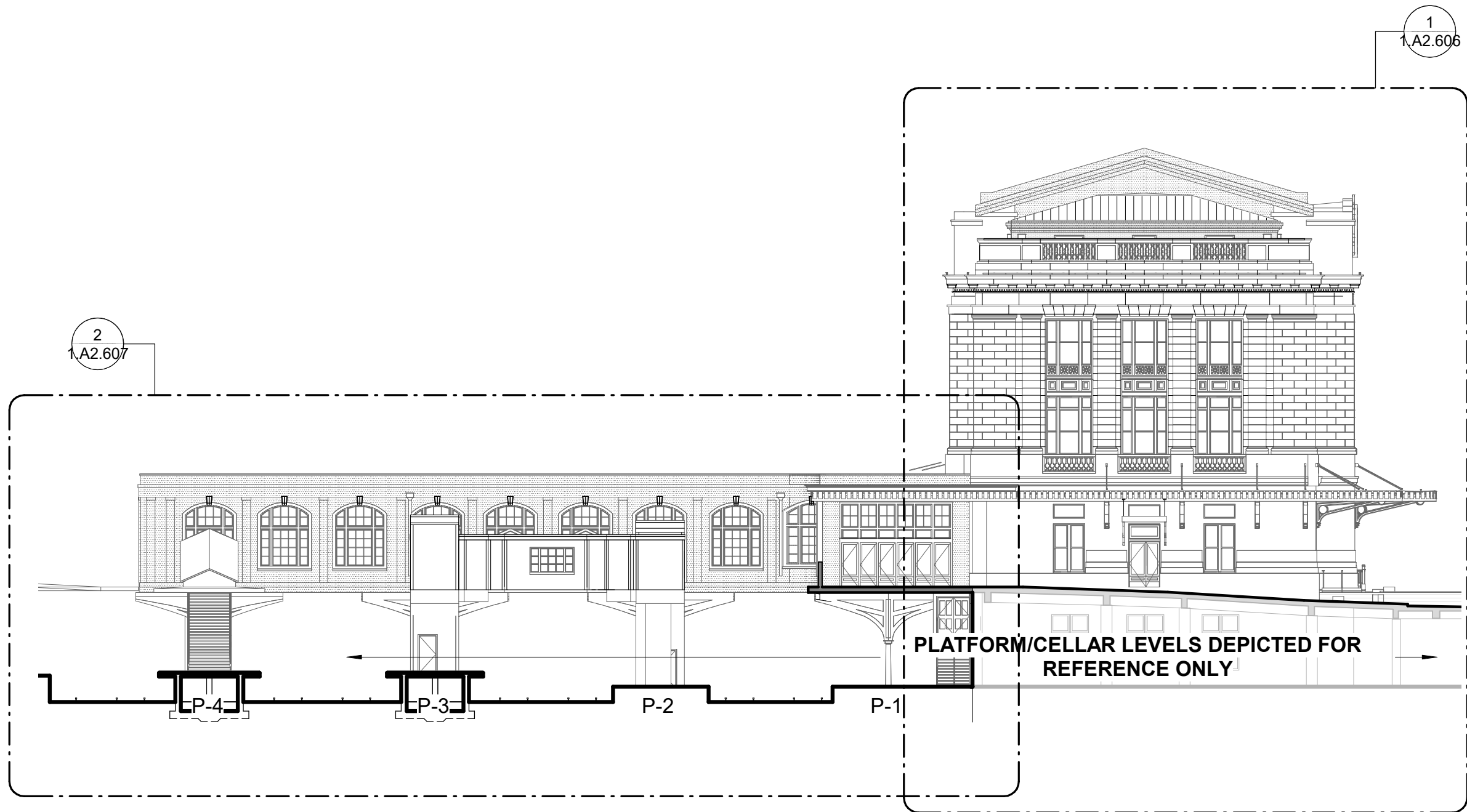
1 SOUTH ELEVATION
1, A2.600 3/64" = 1'-0"



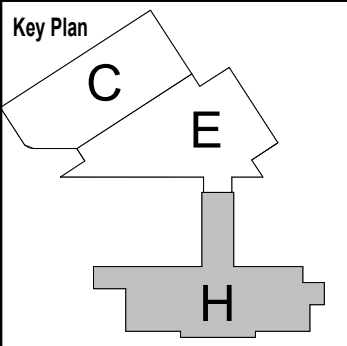
3 EAST ELEVATION
1, A2.600 3/64" = 1'-0"



2 NORTH ELEVATION
1, A2.600 3/64" = 1'-0"



4 WEST ELEVATION
1, A2.600 3/64" = 1'-0"



No.	Revisions	Date	By

Amtrak®

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States

Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS

100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP

WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

Seal/signature :

BALTIMORE MARYLAND

**HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE**

60% SUBMISSION DRAFT

Designed	Designer	Drawn	Author	Checked	Checker	Date	10/9/20
----------	----------	-------	--------	---------	---------	------	---------

Work Elem. No.: C.RE.100048

Sheet name:
ELEVATIONS

Dwg. No.: **1.A2.600**

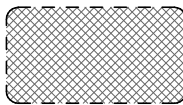
EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES

04.01	CLEAN, REPAIR & REPOINT GRANITE MASONRY PER SPECIFICATIONS
04.03	CLEAN, REPAIR & REPOINT GRANITE SCULPTURE PER SPECIFICATIONS
04.10	REPAIR CRACKED STONE
04.16	REMOVE METAL ANCHORS INSTALLED AT MASONRY JOINTS AND REPOINT AS REQUIRED
04.17	REMOVE DISLOCATED GRANITE CAPSTONE. REINFORCE BY RESETTING WITH STEEL PINS (REFER TO DETAIL INDICATED)
04.18	AREA OF EXCESSIVE STAINING - REMOVE STAINING PER SPECIFICATIONS
04.20	APPROX 6" X 6" X DEPTH UNKNOWN PORTION OF GRANITE FACE STONE IS FRACTURED OFF. ADHERE FRACTURED STONE TO GRANITE FACE STONE PER SPECIFICATIONS
04.23	DECORATIVE STONE LINTEL IS FRACTURED - REMOVE STONE AS REQUIRED IN ORDER TO INSTALL STEEL DOWELS SET IN EPOXY TO CONECT FRACTURED SECTIONS
05.01	METAL COPING
05.02	METAL SIGN LETTERS TO BE CLEANED PER SPECIFICATIONS
05.06	CLOCK. CLEAN AND REFURBISH
05.08	SPOT REMOVE SURFACE RUST FROM EXISTING DECORATIVE CAST IRON CANOPY ROOF SUPPORT COLUMNS. PREP AND PAINT ENTIRE COLUMNS.
05.14	CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT
05.16	CLEAN RUST FROM CANOPY BRACKETS AND TIE RODS, AND ROOF AS PER PRESERVATION BRIEF 27 AND REPAINT
08.03	WOOD WINDOW REFURBISHED PER SPECIFICATIONS - TYPICAL
09.01	METAL SPANDREL PANELS & WINDOW PANES, REFURBISHED PER SPECIFICATIONS - TYPICAL
09.02	CLEAN AND REPAINT EXISTING GLASS AND METAL SCREEN WALL
D 06.03	REMOVE SUPPORT BRACKET

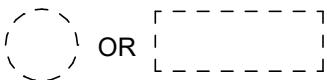
ELEVATION NOTES

- REFER TO SHEET 1.G0.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
- REFER TO SHEETS 1.A7.801 & 1.A7.802 FOR WINDOW RESTORATION SCHEDULES CONTAINING EXISTING WINDOW CONDITION
- REFER TO 1.A7.803 FOR REPLACEMENT WINDOW SCHEDULE
- REFER TO SHEET 1.A7.811 FOR WINDOW TYPES
- REFER TO SHEET 1/A7.815 FOR DOOR TYPES
- NEW WORK IS NOT TO DISTURB THE EXISTING VIDEO SURVEILLANCE SYSTEM
- NOTES IDENTIFYING REQUIRED REPAIRS TO MASONRY AND TERRACOTTA CLADDING HAVE BEEN MADE WITH THE AID OF LIMITED SITE VISITS AND EXAMINATION OF DRONE PHOTOGRAPHY AND ARE NOT INTENDED TO BE COMPREHENSIVE. ANY CRACKS WIDER THAN 1/8" THAT TELEGRAPHS THROUGH MASONRY MATERIAL SHOULD BE REPAIRED PER SPECIFICATIONS.
- REPAIR STONE MASONRY PER SECTION 040342
 - REPAIR ALL CRACKS
 - PATCH ALL ABANDONED FASTENER HOLES.
 - RESET ALL LOOSE STONES
- REPOINT STONE MASONRY PER SECTION 040343
- REPAIR HISTORIC TERRA COTTA UNIT MASONRY PER SECTION 040326
 - REPAIR ALL CRACKS PATCH ALL CHIPPED UNITS
- CLEAN AND REPOINT HISTORIC TERRA COTTA UNIT MASONRY PER SECTION 040327
- IN ADDITIONS TO ADDRESSING AESTHETIC CONCERNS, REPAIR AND REPOINTING OF HISTORIC TERRA COTTA UNIT MASONRY IS TO BE PERFORMED TO THE EXTENT THAT WATER DOES NOT GET BEHIND UNITS
- REPAIR BRICK MASONRY PER SECTION 040322
- REPOINT BRICK MASONRY PER SECTION 040323
- CLEAN DECORATIVE METAL PER SECTION 050371

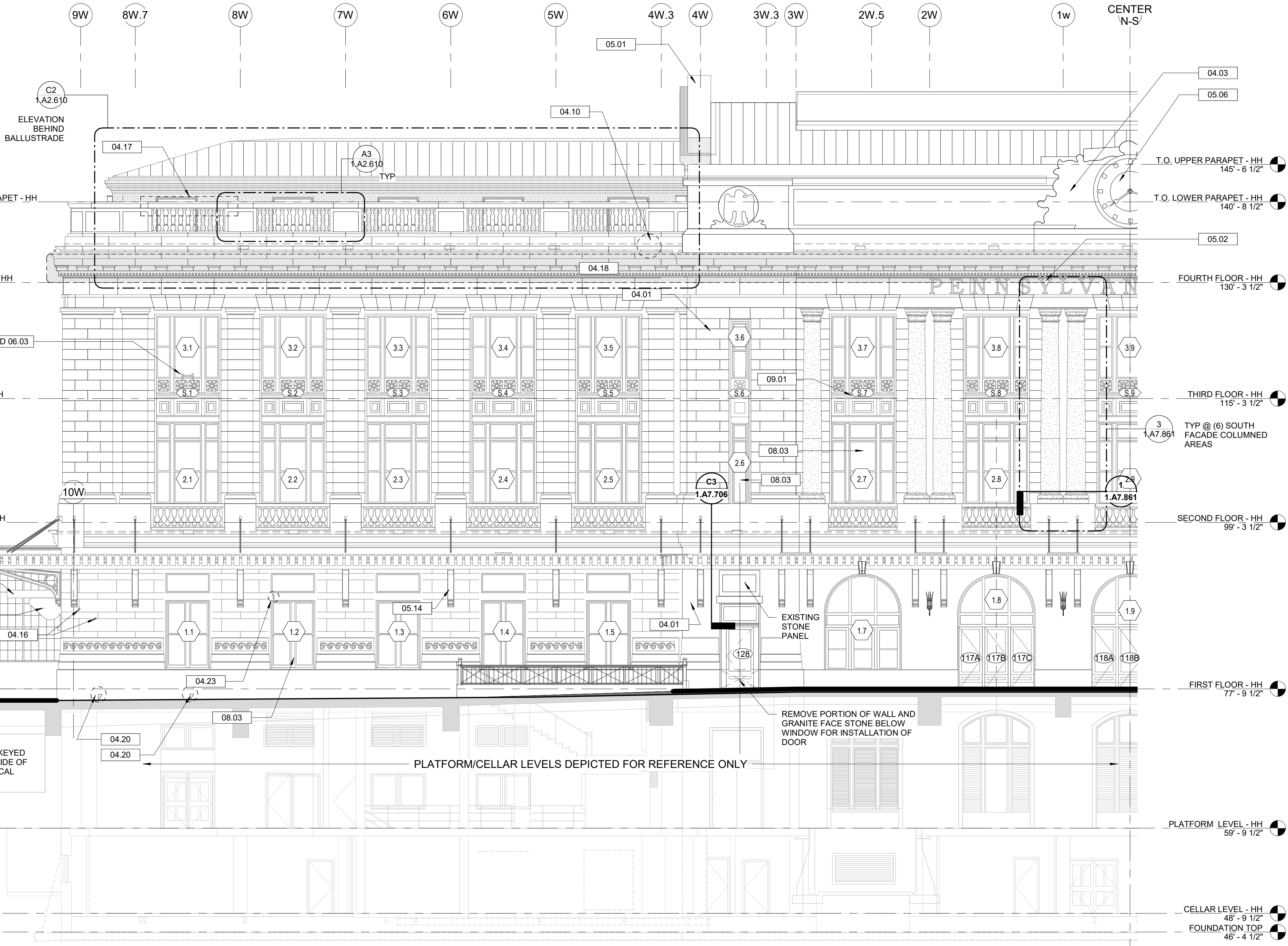
ELEVATION LEGEND



AREA OF MASONRY WITH EXCESSIVE STAINING - REMOVE BIOLOGICAL AND OTHER TYPES OF STAINS



OR AREA OF MASONRY REQUIRING REPAIR - REFER TO KEYNOTE FOR MORE INFORMATION



PARTIAL SOUTH ELEVATION - WEST

1
1.A2.601
1/8" = 1'-0"

No.	Revisions	Date	By

Amtrak

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
STRUCTURES

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

PENN STATION PARTNERS, LLC
1300 Thames Street, Suite 10
Baltimore, MD 21231
United States
Tel 410.123.4567
Fax 410.123.4567

QUINN EVANS
100 North Charles Street, 14th Floor
Baltimore, MD 21201
Tel 410.576.0440

WSP
WSP USA
1300 North 17th Street, Suite 1000
Arlington, VA 22209

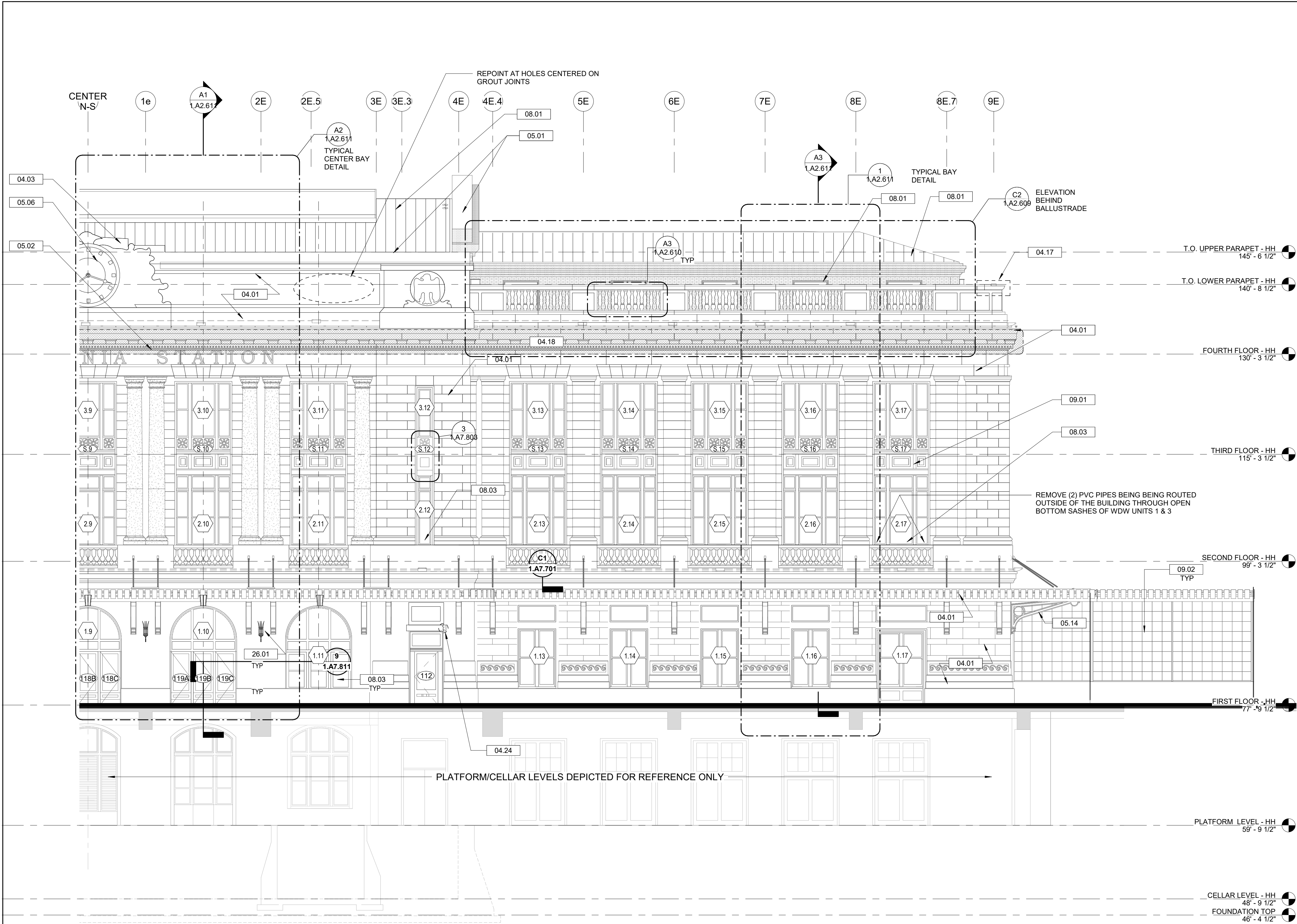
Seal/signature :

BALTIMORE
HEADHOUSE REHABILITATION
EXTERIOR ENVELOPE - EARLY RELEASE

MARYLAND

60% SUBMISSION DRAFT
Designed Designer Draw Author Checked Checker Date 10/9/20

Key Plan	C	E	H
Work Elem. No.	C.RE.100048		
Sheet name:	PARTIAL SOUTH ELEVATION - WEST		
Draw. No.	1.A2.601		



EXTERIOR ENVELOPE - CONSTRUCTION KEY NOTES	
04.01	CLEAN, REPAIR & REPOINT GRANITE MASONRY PER SPECIFICATIONS
04.03	CLEAN, REPAIR & REPOINT GRANITE SCULPTURE PER SPECIFICATIONS
04.17	REMOVE DISLOCATED GRANITE CAPSTONE. REINFORCE BY RESETTING WITH STEEL PINS (REFER TO DETAIL INDICATED)
04.18	AREA OF EXCESSIVE STAINING - REMOVE STAINING PER SPECIFICATIONS
04.24	DECORATIVE STONE LINTEL IS FRACTURED - REPAIR AS REQUIRED
05.01	METAL COPING
05.02	METAL SIGN LETTERS TO BE CLEANED PER SPECIFICATIONS
05.06	CLOCK. CLEAN AND REFURBISH
05.14	CLEAN RUST FROM MARQUEE BRACKETS AND TIE RODS AND REPAINT
08.01	STANDING SEAM ROOF
08.03	WOOD WINDOW REFURBISHED PER SPECIFICATIONS - TYPICAL
09.01	METAL SPANDREL PANELS & WINDOW PANES, REFURBISHED PER SPECIFICATIONS - TYPICAL
09.02	CLEAN AND REPAINT EXISTING GLASS AND METAL SCREEN WALL
26.01	DECORATIVE LIGHT FIXTURE. REFURBISH PER SPECIFICATIONS.

ELEVATION NOTES	
1.	REFER TO SHEET 1.G0.03 FOR NEW WORK GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT
2.	REFER TO SHEETS 1.A7.801 & 1.A7.802 FOR WINDOW RESTORATION SCHEDULES CONTAINING EXISTING WINDOW CONDITION
3.	REFER TO 1.A7.803 FOR REPLACEMENT WINDOW SCHEDULE
4.	REFER TO SHEET 1.A7.811 FOR WINDOW TYPES
5.	REFER TO SHEET 1.A7.815 FOR DOOR TYPES
6.	NEW WORK IS NOT TO DISTURB THE EXISTING VIDEO SURVEILLANCE SYSTEM
7.	NOTES IDENTIFYING REQUIRED REPAIRS TO MASONRY AND TERRACOTTA CLADDING HAVE BEEN MADE WITH THE AID OF LIMITED SITE VISITS AND EXAMINATION OF DRONE PHOTOGRAPHY AND ARE NOT INTENDED TO BE COMPREHENSIVE. ANY CRACKS WIDER THAN 1/8" THAT TELEGRAPHS THROUGH MASONRY MATERIAL SHOULD BE REPAIRED PER SPECIFICATIONS.
8.	REPAIR STONE MASONRY PER SECTION 040342
A.	REPAIR ALL CRACKS
B.	PATCH ALL ABANDONED FASTENER HOLES.
C.	RESET ALL LOOSE STONES
9.	REPOINT STONE MASONRY PER SECTION 040343
10.	REPAIR HISTORIC TERRA COTTA UNIT MASONRY PER SECTION 040326
A.	REPAIR ALL CRACKS PATCH ALL CHIPPED UNITS
11.	CLEAN AND REPOINT HISTORIC TERRA COTTA UNIT MASONRY PER SECTION 040327
12.	IN ADDITIONS TO ADDRESSING AESTHETIC CONCERNS, REPAIR AND REPOINTING OF HISTORIC TERRA COTTA UNIT MASONRY IS TO BE PERFORMED TO THE EXTENT THAT WATER DOES NOT GET BEHIND UNITS
13.	REPAIR BRICK MASONRY PER SECTION 040322
14.	REPOINT BRICK MASONRY PER SECTION 040323
15.	CLEAN DECORATIVE METAL PER SECTION 050371

ELEVATION LEGEND	
	AREA OF MASONRY WITH EXCESSIVE STAINING - REMOVE BIOLOGICAL AND OTHER TYPES OF STAINS
	AREA OF MASONRY REQUIRING REPAIR - REFER TO KEYNOTE FOR MORE INFORMATION

1 PARTIAL SOUTH ELEVATION - EAST
1.A2.602 1/8" = 1'-0"

No.	Revisions	Date	By	<div><div>Amtrak®</div><div><div>This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.</div></div></div>	<div>Office of Chief Engineer STRUCTURES National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104</div>	Approved	Date	<div>PENN STATION PARTNERS, LLC 1300 Thames Street, Suite 10 Baltimore, MD 21231 United States</div> <div>Tel 410.123.4567 Fax 410.123.4567</div>	<div>QUINN EVANS</div> <div>100 North Charles Street, 14th Floor Baltimore, MD 21201 Tel 410.576.0440</div>	<div>WSP</div> <div>WSP USA 1300 North 17th Street, Suite 1000 Arlington, VA 22209</div>	Seal/signature :	<div>BALTIMORE</div> <div>MARYLAND</div> <div>HEADHOUSE REHABILITATION EXTERIOR ENVELOPE - EARLY RELEASE</div> <div>60% SUBMISSION DRAFT</div> <div>Designed Designer Drawn Author Checked Checker Date 10/9/20</div>	<div>Work Elem. No.:</div> <div>C.RE.100048</div> <div>Sheet name:</div> <div>PARTIAL SOUTH ELEVATION - EAST</div> <div><div><div>1.A2.602</div></div></div>

FILE NAME: 1.A2.602
PENN STATION PARTNERS, LLC
DRAWING PENN TABLE YES